95

1949-50 **File No.** 6572/36 XX A

B CLASS P.W. DEPARTMENT
Con. BRANCH

Subject:— Machinery

Purchase of spare parts for L.S. 85 Dragline.

B K 1956

Can.

File, No. 6572/36 (2) XX A

Ltd. Scott. Slip. 24 A

G R., G D., No 2408, dated 22-5-22.]

Correspondence

DOCKET SHEET (B)

XX

Subject :—

File No. 6572/36 (2)

(A)

P. W. DEPT.

Con. BRANCH.

References :—

Date.	To whom sent.	Notes and instructions.

6272/36(2)
30232

Public Works Department.

Gen. Br.

We have purchased 2 Nos. L.S.- 85 Draglines from Messrs. Larsen and Toubro at an approximate total cost of Rs. 2,63,900. Originally they were intended to be used on works of Mashava Project. It has, however, now been ordered that one machine should be sent to Gangapur Project and the other to Mahi Project.

2. Messrs. Larsen and Toubro have sent two lists of spares which they consider as essential for these machines. The total cost of spares comes to about Rs. 53,359. It is for consideration

(a) whether these papers may be shown u.o. to the Ex. Engr., Gangapur Storage Dn., and the Ex. Engr., Mahi Const. Dn. with a request to state scrutinise the lists forwarded by the firm and to sate whether what exactly the spares should be purchased or

(b) Whether an order may be placed straightway for current spares shown in the lists without consulting the Ex. Engr.s. If as at (b) the papers will be shown u.o. to the F.D. before issue of orders.

Id/-
20-5-49

They may be sent to E.E.C.S. Dn., for remarks.

Id/-
20-5-49

Id/-
21-5-49

URGENT.

U.O. to the Ex. Engr., Gangapur Storage Dn., dt. the 21st May 1949.

p/15/5

Below u.o. file No. 6572/36(2)/30232, dated the 21/5/49 from the Government P.W.D. re: Suggested list of spares for link Belt Speeder LS-85, Serial Nos. 741179 & 741180 for 2 normal working years.

No. 3045

Gangapur Storage Division,
Nasik, 26th May 1949.

Returned with compliments.

None in my Division has the necessary experience to vet the list of spared for the shovel.

However the list appears well prepared. Normally, 30% should be considered as a fair investment on spares. In this case the suggested list covers only about 22% and hence should be considered conservative enough to order straight away.

It appears that the list suggested is meant for both the shovels. In that event half the Nos. of items may be sent to this Division and the other half to the Executive Engineer, Mahi Canals. Some of the items are singly however, these may be sent to this Division for use of both the shovels unless Government thinks that better storage arrangements will be possible at Mahi.

Sd/-
EXECUTIVE ENGINEER
Gangapur Storage Division.

57627.

Gen. Br. Public Works Department.

The E. & I.D. & the F.D. have agreed to this Department proposal made in the C.N., dt. the 6-6-49, subject to the condition that spare parts for Draglines should be curtailed as shown by the Director of Ind. and Stors Purchasing Officer in the statement at p. 31 of the C/S. There does not appear to be any objection in accepting the Stores Purchasing Officer's suggestion except for the 3 items of the statement crossed in ink. As we have ordered two Draglines - one for Mahi Project and the other for Gangapur Project- it will be necy. to have at least 2 Nos. of each of spare parts the suggestion made by the Stores Purchasing Officer to curtail 2 Nos. of spare parts to one against items 8,10 & 11 may therefore not be accepted. It, however, does not seem necy. to show the papers again to the E. & I.D. & the F.D. as by retaining these items do not make appreciable difference in the cost.

2. According to the suggestion of the S.P.O. as modified in para. above, the cost of spare parts now come to amount Rs. 45,750 against Rs. 53,359 as previously calculated. It is presumed that half thenumber of spare parts are to go to the Ex. Engr., Mahi P Const. Dn., and the other half to the Ex. Engr. Gangapur Storage Dn.

3. The draft put up may issue, if approved. It does not seem necy. to trouble the H.M. P.W.D. , in the matter.

LPB.
13-9-49

We may accept Director of Industries Pole recommendation and purchase spares accordingly.

Id/-
20-9-

P/15/5

6572/36(2)
79790

Public Works Department.

Gen. Br.

Assistant Stores Purchasing Officer's letters No.SPH 2009/16050, dt. the 22nd November 1949 and No. SPH. 2009/16234, dt. the 25th Nov. 1949, at pp.61-67 ante C/N. In G.O. No. 6572/36 (2)- Gen, dt. the 24th Sept. 1949, the Director of Industries and Storage Purchasing Officer was requested to place a firm order on M/S. Larsen and Toubro Ltd., for spare parts for two Link Belt Speeders LS-85 (Draglines) at an approx. cost of Rs. 45,750/-. The Firm has now informed the Stores Purchasing Officer that prices of the spare parts have gone high, presumably ~~xxxxx~~ due to devaluation of the Rupee, and has sent two fresh lists of spare parts. The cost now quoted by the firm comes to about Rs. 72,576 against the Rs. 45,750 as quoted previously. It is for consideration whether the spare parts costing about Rs. 72,576 may be purchased for the two Draglines. If so, the necy. draft will be put up after U.O.R. to the F.D.

L.F.D.
28/11/49

The parts may perhaps be purchased.

Sd/-
9-11

Sd/-
30-11-49

U. O. to the F.D. dt. the 1st December 1949.

P/15/5

Finance Department.

P. W. R. I.

F.D. agreed to the proposal to purchase spare parts costing Rs. 45,750. The pps. are again referred to this department as this prices have gone up with the result that the cost comes to Rs. 72,576. As the spare parts are essential for ~~them~~ the smooth working of machines already purchase. F.D. may not object.

M/-
8-XII-49

2. A provision of Rs. 19,00,000 for Mahi Project and Rs. 39,50,000 for Gangapur Project has been made in current years' budget under the head "68- Construction etc. - P.W.R". The cost of purchasing machine spare parts will be met from the provisions made for the above projects.

M/-
23-12-49

M/-
24-12-49

U.O. to P.W.D. dt. 27-12-49.

R/15/5

6572/36(2)XX/3244

Public Works Department.

Com. Br.

Submitted with reference to G.R. No.6572/36(2)-XX com. dated 9-1-1950.

2/- The S.E.D.I.C. has reported that some of the items in the list of spare parts for Link Belt speeder are not in exact multiple of two. The Ex. Engineer G.S. Dn. had suggested to the S.E. C.I.C. that the old number of spare parts might be held by the Cantonment Stations Division for the common use of both the Divisions (G.S.Dn., as well as M.C.C. Dn.) but this suggestion was not agreed to the cost of the indent has therefore been increased from Rs. 36,263 to Rs. 43,085 for each Divn. Thus the total of the indents for both the Divisions would be Rs. 86,170 against the original cost of Rs. 72,576.

3/- The Ex. Engr., G.S.Dn., has already forwarded through the S.E.D.I.C. the indent amounting to Rs. 43,085 to the firms In the circumstances, it is for con-sideration whether the enhanced cost of the indents amounting to Rs. 86,170 may now be approved. If the proposal is to be approved, the papers may be referred u.o. to F.D. for agreeing to the P.W.D. proposal.

Id/-
29-4-50

Through A.S.(II) & D.E.(I)

The inhanced cost may be approved.

The proposal may be of Rd. in the circumstances stated by the S.E.D.I.C. and F.D. may agree to the amount of Rs. 86170 aginst Rs. 72,576.

Id/-
1-5-50

Id/-
4-5-50

p/16-5

Contd.....

U.O.R. to F.D. dt. 9-5-50.

Finance Department.
P. W. R. I.

Pl. see office note dt. 23-12-49.

2. The P.W.D. now states that the cost of spares for the two divisions will be Rs. 96,170 as against Rs.72,976 previously agreed to by us (vide o.n. dt. 23-12-49) It is reported that some of the items in the list of spare parts are not in exact multiple of two. It is, therefore, proposed to order additional spare parts so that they can be divided between the two Divisions in equal number.

3. The amount now required is Rs. 18594 more than the amount agreed to in O.L. P.W.D. No. 6572/36(2)-XX-Gen. dt. 9-1-50 and Rs. 40420 more than that agreed to previously (vide o.n. dt. 29-3-49)

4. The P.W.D. proposal may be agreed to.

5. As regards budget provision, please see para. 2 of this Department on dt. 23-12-49.

Id/-
18-5-50

Id/-
20-5-50

Id/-
22-5

U. O.R. to P.W.D. dt. 24-5-50

R/18/5

[redacted] dated 20-12-[redacted]

Short Slip 53 a.

SEPARATOR

LARSEN & TOUBRO LIMITED.
" CATERPILLAR " DIVISION.
POST BOX NO. 278.
BOMBAY.

SQ:25/49

April. 25, 1949.

SUGGESTED LIST OF SPARES FOR LINK-BELT SPEEDER LS-85.
SERIAL NOS. 7A1180 FOR TWO WORKING YEARS.

THE ITEMS ON THIS QUOTATION WERE SELECTED BECAUSE OUR PAST EXPERIENCE AND SERVICE HISTORY INDICATE THAT THEY ARE THE ONES MOST LIKELY TO BE NEEDED FOR EMERGENCY REPLACEMENT. WE CANNOT GUARANTEE THAT WE HAVE INCLUDED EVERY PART WHICH MAY BE REQUIRED IN ANY GIVEN PERIOD OF TIME. GENERALLY SPEAKING, HOWEVER, WE ARE CONFIDENT THAT THIS ASSORTMENT WILL PROVIDE REASONABLE EMERGENCY PROTECTION.

Item. 1.	Qty. 2.	Part No. 3.	Description. 4.	Rate 5.	Amount. 6.
			SUGGESTED LIST OF SPARES FOR LINK-BELT SPEEDER LS-85 SERIAL NOS. 7A1179 & 7A1180 FOR TWO WORKING YEARS.		
1	4	AA84	Bolt, 1-1/2x12" w/Tread Adjusting Square Nut.	Rs. As. 14- 1	Rs. As. Ps. 56- 4- 0
2	4	AA77	Bolt, Tread, Adjusting, 1-1/2x12" w/AA78 Square Nuts	43- 12	175- 0- 0
3	102	XX840	Chain, Drive, per Link	13-12	1402- 8- 0
4	4	AC76	Flexo-Tube 36"	7- 13	31- 4- 0
5	2	AA182	Flexo-Tube 56" Long	9- 6	18- 12- 0
6	2	FA5	Flexo-Tube 41", w/Two AC82 Screw Ells	10- 13	21- 14- 0
7	4	AA83	Bushing, Bronze, 4 x 3½x2½"	37- 8	150- 0- 0
8	1	AA81	Shaft, Rad Front Idler Roller, 3-1/2" x 15-1/4"	131- 4	262- 0- 0
9	2	AR104	Bushing, Bronze, 4 x 3½ x 6"	96- 14	193- 12- 0
10	1	AA70	Shaft, Rear, Sprocket, 3½x23½"	156- 4	312- 4- 0
11	2	AR244	Shoe, 24" Tread, W/Comm. Pin&Belt	150- 0	300- 0- -
12	2	AA171	Shoe, 30" Tread, W/Comm. " "	228- 2	456- 4- 0
13	2	AR858	Shaft, Outer Traction 3x22-7/8"	159- 6	318- 12- 0
14	2	AR71	Spring, Compression 3-5/8"O.D. x 9" Long.	6- 4	12- 8- 0
15	2	AA58	Clutch, Traction Blade	265- 10	531- 4- 0
16	2	AC60	Collar, Bronze, Shaft3-3/4" Bore	62- 8	125- 0 0
17	4	AC76	Flexo-Tube 36"	7- 13	31- 4 0
18	2	AA60	Clutch, Stationary, Traction w/AA61 Bra. Bshg. 5-3/4x5x2½"	325- 0	650- 0- -

IV/16-5

O/over

1.	2.	3.	4.	5.	6.
19	1	AA63	Shaft, Center Traction,3x159/4"	118-12-	118-12-0
20	1	AA64	Clutch, Traction Lock,2/SC58 Bronze Bushing 3x2½x3⅛"	856- 4-	856- 4-0
21	1	AA66	Gear, Bevel,27-Tooth,3" Splin	743-12-	743-12-0
22	1	AA67	Washer, Bronze, 7x3x¼"	54-11	54-11-0
23	1	AA68	Clutch, Traction, Jaw,w/SC58 Bronze Bushing 3 x2⅛/2x3½"	506- 4	506- 4-0
24	3	AA61	Bushing, Bronze, 5-3/4x5x2⅛"	46-14-	93-12-0
25	2	SC58	Bushing, Bronze, 3 x 2⅛x 3⅛"	34- 6	68-12-0
26	2	BA50	Roller, Turntable, w/BA51 Gatke Bushing 3-1/2x3x3-1/2"	343-12	687- 8-0
27	4	BA51	Bushing, Gatke,3½x3x3⅛"	43-12-	175- 0-0
28	4	BA53	Shaft, Turntable Roller 3x 9-5/8"	100- 0	400- 0-0
29	8	BA60	Washer Bronze, 5 x3 x 5/16"	26- 9	212- 8-0
30	1	GA28	Shaft, Vertical Drive 3½x29-3/8"	368-12	368-12-0
31	1	GA32	Pinion, Bevel, 12-Tooth	256- 4	256- 4-0
32	1	GA33	Washer, Bronze, 4x3-1/2x1/4"	37- 8	37- 8-0
33	1	QS GA13	Washer, Bronze, 4x4x1/4"	37- 8-	37- 8-0
34	1	FD75	Bushing, Bronze, 4-1/3"x4x5"	78- 2	78- 2-0
35	1	GA27	Bushing, Bronze, 4x3-½/2x4"	59- 6	59- 6-0
36	4	FA93	Flexo-Tube, 58" Long, 2/FA92 Street Ells.	12- 8	50- 0-0
37	1	GA4	Bushing, Bronze, 4x 8-3/4x8x4½"	168-12-	168-12-0
38	1	GA31	Washer, Bronze, 5½ x 3½ x 1/4"	32-13	32-13-0
39	1	SC18	Collar, Bronze,Shift, 4" Bore	59- 6	237- 6-0
40	1	FA49	Shaft, Swing, 3-1/2"x 27-1/8"	312- 8-	322- 6-0
41	1	FA93	Pinion, Swing 14-Tooth,3-1/2" Splin.	412- 8	412- 8-0
42	1	FA90	Bushing, Bronze, 5x4½x5½"	106- 4	106- 4-0
43	1	FA87	Washer, Bronze,7½x3½x¼"	59- 6	59- 6-0
44	2	FB18	Bushing, Bronze, 4x3½x5"	56- 4	112- 8-0
45	1	FA868	Clutch Assembly, Swing Clutch & Swing Lock.	862- 8	862- 8-0
46	1	FA66	Lock Swing	243-12	243-12-0
47	2	FA51	Bushing, Bronze,5x4-1/2"x4"	65-10-	131- 4-0
48	1	GA30	Washer, Bronze, 6x4½x¼"	39- 1	39- 1-0
49	1	FA1	Shaft, Centre Drive, 3 x 23-3/4"	150- 0	150- 0-0
50	1	FB36	Washer, Bronze, 3x1x1/4"	21-14	21-14-0

Contd....on p. 3.

1.	2.	3.	4.	5.	6.
51	1	GB2	Bushing, Bronze, 3½x3x5"	65-10	65-10-0
52	2	FA93	Flexo-Tube,55"Long, w/FA92 Street Ell.	12- 8	25- 0-0
53	2	A074	Washer, Bronze, 6 x 3 x⅜"	35-15-	71-14-0
54	1	FA25	Bushing, Bronze, Flanged	312- 8	312- 8-0
55	1	FA12	Clutch, High-low, Shift.	262- 8	262- 8-0
56	1	FA7	Sleeve, Separate Miter Meshing.	234- 6	234- 6-0
57	2	FA10	Bearing, Radial thrust	246-14-6	293-12-0
58	2	FA11	Retainer, Grease, 5x3x1/2"	28- 2	56- 4-0
59	2	FA2	Miter, Separate, 18-Teeth 3" S Spiln.	712- 8	1,425- 0-0
60	8	BAU68	Band, Clutch w/DA313 Lining, 1/4x2x76"	171-14	1,375- 0-0
61	20	DA313	Lining Clutch.¼"=2x76" Molded 8 piece.	28- 2	562- 8-0
62	4	BB41	Bolt,Clutch,Band Adj.3/4x4"w/ Lock nut.	12- 8	50- 0-0
63	4	BAU19	Band, Clutch,w/BA402 Lining ¼ x 2 x52½"	115-10-	462- 8-0
64	16	BA402	Lining,Clutch Band,1/4x2x 52½" Molded 3 piece.	25- 0	400- 0-0
65	2	BAU15	Band, Brake w/DA314 Lining, ¼x5x61"	212- 8	425- 0-0
66	4	DA314	Lining, Brake, Band, 1/4x5x61" (Moulded)8 piece.	59- 6	237- 8-0
67	6	JC379	Spring,Compression 2-1/4" Long.	0-15	5-10-0
68	6	BB104	Block,Fibre Friction 3/4x1-1/4"	6- 4	37- 8-0
69	4	DB13	Bushing, Bronze, 3½x3¼x4½"	56- 4	225- 0-0
70	3	DB11	Washer, Bra., 5x3x1/4"	23- 7	70- 5-0
71	2	DA318	Band Hoist Brake,w/DA315 Lining 1/4 x 4 x 61"	159- 6	318-12-0
72	4	DA315	Lining,Brake Band,1/4x4x61" Moulded 6 piece.	71-14	287- 8-0
73	2	BAU406	Band,Brake w/DA313 Linging 1/4 x 2 x 57"	156- 4	312- 8-0
74	8	DC41	Link, Clutch Arm 3"	9- 6	75- 0-0
75	1	CA209	Shaft, Reverse, 3 x 52-3/4"	343-12	343-12-0
76	2	GA7	Bushing, Bronze, 5x4½x5"	45- 5	90-10-0

1.	2.	3.	4.	5.	6.
77	1	CA33	Gear, Reverse, Clutch, 23", 69- Tooth	1,737- 8	1,737- 8-0
78	8	CC45	Link, 2-1/4" Clutch Arm	7-13	62- 8-0
79	4	CC43	Collar, Bronze Shift, 5-1/4" Bore	65-10	262- 8-0
80	2	CB38	Collar, Clutch Throw-out 4-1/2" Bore	87- 8	175- 0-0
81	2	FC3	Bearing, Ball Thrust 3" Bore	71-14	143-12-0
82	4	CA24	Miter Clutch Drum, 13-Tooth w/CA25 Bronze Bushing 3½x3x 6½"	1,137- 8	4,550- 0-0
83	2	CA2	Bearing, Self-aligning Pillow Block.	381- 4	762- 8-0
84	50	A PL-3	Chain, Drive, per Link	10- 0	500- 0-0
85	4	CA272	Band, Clutch, Complete w/CA276 Lining 1/4 x 2-1/2 x 51-3/4" (Moulded piece)	128- 2	512- 8-0
86	32	CA198	Lining, Clutch Band, ¼x2½x51-3/8"	42- 3	1,350- 0-0
87	1	CA202	Sprocket, Colent Chain Drive 102-Teeth	1,125- 0-0	1,125- 0-0
88	1	BA1023	Pinion, Motor Drive, 15-Tooth	140-10-	140-10-0
89	50	Chain-Link-Belt Silent Driver, per Link.		4-11	375- 0-0
90	2	JB50	Yoke Clutch Shift	43-12	87- 8-0
91	1	JA56	Yoke Shift	62- 8	62- 8-0
92	1	JA636	Shift Yoke8	54-11	54-11-0
93	2	AA133	Yoke, Clutch Shift.	43-12	87- 8-0
94	2	AA137	Rod, Steering Clutch, 3/4x13" w/2am Nuts.	6- 4	12- 8-0
95	4	AC193	Clevis, Control Rod 3/4"	4- 6	17- 8-0
96	4	AC187	Connection Control Rod 3/4" Hole, 2-1/2" Slot	5-10	22- 8-0
97	80	SS40	Chain, Hyper Driver, per Link	16- 4	1260 - 0-0
98	4	SA84	Washer Bronze, 6-1/2x3-1/ 2x1/4"	51- 9	205- 4-0
99	2	SA85	Pinion, 17-Tooth Rack 3½" Spline	300- 0	600- 0-0
100	4	A-72	Bushing, Bronze, 3½x3x3"	54-11	218-12-0
101	2	AC70	Bushing, Bronze 3x2-1/2"x3"	28- 2	56- 4-0
102	10	DA159	Tooth Point Shovel Bucket, w/DA160 Wedge Pin.	100- 0	1000- 0-0

contd. on p. 5.....

1.	2.	3.	4.	5.	6.
103	4	SA161A	Wedge Mastch Plate	21- 9	- 86- 4-0
104	6	SC396	Tpoth Point 12" Reversible W/Bolt	180- 0	600- 0-0
105	2	MB91	Sheave, 19" Cable,2 w/3C58 Bronze Bushing 3x2½x3½"	368-12	737- 8-0
106	2	TA13	Horizontal Reller,w/AC128 Brs. Bushing 2½x2x3"	121-14	243-12-0
107	4	TA16	Bronze, Washer 3½x2½x1/4"	18-12	75- 0-0
108	2	TA17	Pin, Horizontal Reller 2x5-3/4"	15-10	31- 4-0
109	1	TA22	Bushing,Bronze, 2½x2½x2-3/8"	18-12	37- 8-0
110	2	Ta24	Pin, Swivel Case, 2 x 5"	26- 9	53- 2-0
111	1	TA31	13-1/2" Cable Sheave, w/AC70 Barnnse Bushing 3x2½x3"	268-12	537- 8-0
112	4	BC57	Washer, Bronze, 4 x2½x1/4"	14 1	56- 4-0
113	2	TA37	Fairlead Sheave Pin,2½x5½"	21-14	43-12-0
114	6	MA2211	Teeth,Base, Drag Bucket	106- 4	637- 8-0
115	10	WC106	Teeth Point, REversible	51- 9	515- 5-0
116	4	MA214	Tooth Base, Drag Bucket	106- 4	425-0-0
117	4	MA216	Hitch, Inhaul chain adjustable	37- 8	150- 0-0
118	4	MA217	Pin,Drag Bucket Coupling, 1-1/8" x9" w/Cotter & Washer	9- 6	37- 8-0
119	4	MA221	Clevis,Inhaul, chain Adjsutable	31- 4	x2bwx4 125-0-0
120	4	MA225	Chain,Inhaul chain Front 37 Links ,3/4" Chain	93-12	375- 0-0
121	2	MA228	Clevis, Inhaul chain Front Hitch	43-12	87- 8-0
122	2	MA227	Hitch, Inhaul chain Front	18- 3	34- 6-0
123	2	YC40	Socket, 5/8" Cable	53- 2	106- 4-0
124	2	YC26	Wedge, 5/8" Cable Socket	7-13	15-10-0
125	2	YA86	Socket, Cable	40-10	81- 4-0
126	4	MH194	Lever Hoist, 5/8" 13 Links	10-15	43-12-0
127	4	MH201	Chain, Upper, Hoist, 5/8" 17 Links	12-8	50- 0-0
128	2	MA258	Sheave, 10" Cable, w/pin.	175- 0-	350- 0-0
129	2	HX17	Lining, Slack Take-up Disc	10-15	21-14-0
130	50	HX6	Rivert	0- 1	3- 2-0
131	2	HX19	Lining,Main Friction Disc	15-10	31- 4-0
				Total	Rs.49,596- 4-0

TERMS & CONDITIONS

1. All items are ex-Incoming subject to prior sale, unless otherwise stated.
2. Our prices are nett, ex-godown, Bombay, subject to flu--ctuation and change without notice. Packing and for--warding charges are extra and chaged at cost.
3. Terms of payment are:
   Cash against Railway Receipt through Bank/V.P.P or on delivery at our godown, as the case may be. Please notify us of the Bnk you wish us to send the documents and Railway or Postal receipts for payments
4. Our responsibility ceases when the goods have left our premises. Please inform us if you wish to insure the consignment against loss or damage. Notify us with details of the route, Railway Station or Post Office, to which the consignment should be booked, and whether by Passenger Train Goods train, or Parcel Post.
5. Our prices are exclusive of sales tax, pruchase tax, export duties etc. which may become applicable. Any such tax or duties if applicable, will be payable by buyers in addition to the sales prices payable.

Yours faithfully,
For LARSEN & TOUBRO LIMITED,

Sd/- W. BARRETO.

SIGNATURE OF ACCEPTANCE.

p/16/3

No. SP-1169/28(26)/10998

Office of the Director of Industries,
Old Custom House Yard, Fort,
Bombay, July 1949.

The Secretary to the Government of Bombay,
Education and Industries Department.
BOMBAY.

Subj- Purchase of L.S.85 Draglines and
Pile Driven attachment.

Reference Government letter No. P.W.D.6572/36 (2) O dated 17-6-49.

As the Draglines and Pile Driven attachment equipment have been purchased from M/s. Larsen Toubro Ltd. Bombay it is advisable to place the order for spares also with them. No competitive tenders need be invited in such cases.

2. However, on enquiries made with firms dealing in such machinery, it was revealed that some cases curtailman in quantity of spares could be made and that such a curtailment would not hamper the work. I have, therefore, to suggest that the quantity against each item as per list may be curtailed from the original list of spares and the order may be place accordingly.

Sd/-

DIRECTOR OF INDUSTRIES.

Lg/-
28-7

Item	Quantity Suggested.	Part No.	Curtailed Quantity	Rate
3	204	XX540	102 £400-8-	13-12-0
8	2	AA81	1	131- 4-0
9	4	AE104	2	96-14-0
10	2	AA70	1	186- 4-0
16	4	A.C.60	2	62- 8-0
26	4	BC50	2	343-12-0
39	6	CE 18	4	59- 6-0
62	8	DB 41	4	12- 8-0
63	8	EAU119	4	115-10-0
70	6	DB11	3	23- 7-0
79	8	CC43	4	65-18-0
81	4	FC3	2	71-14-0
84	92	APL-3	50	10- 0-0
88	8	CAU72	4	128- 2- 0-
89	126	HA1023	80	4-11-0
97	143	SS40	80	16- 4-0
99	4	SS95	2	300- 0- 0
102	16	SA159	10	100- 0-0
104	8	EC396	6	100- 0-0
111	2	T43	1	268-12-0-[illegible]
114	8	MA221	6	106- 4-0
115	16	VC106	10	51- 9- 0

W/16/3

VERY URGENT.

No. P.W.D.-6572/36(2)-G,
Education and Industries Department
Bombay Castle, 17th June 1949.

To

The Director of Industries,
Bombay.

Subt- Steam.
Purchase of Spare parts for L.S.-85
Draglines.

Please see letter dated the 29th April 1949 from M/s. Larsen and Toubro Limited, Bombay, and the lists of spare parts in original, and return them with your remarks whether an order may be ~~xxxx~~ placed straight-away for all the spare parts shown in the lists for whether the lists should be curtailed. Please also state whether tenders cannot be invited for the same.

Sd/-
Under secretary to the Government of Bom
Education and Industries Department.

Copy to Public Works Department for information.

40849

Public Works Department.

Gen. Br.

The said main papers (file No. 6572/36(2)-Pl.XX) are under u.e.r. to the E. & I.D. & the F.D. since the 6th June 1949. Their return may be awaited.

Id/-
23-6-49

Public Works Department.

Gen. Br.

The E & I.D. and the F.D. have been expedited under 6572/36(2)-XX-Gen. dated the 14th Aug. 1949.

Id/-
18-49

Issued/

Id/-
4-8-49.

6572/36(2)
40849

LETTER

Public Works Department.

No. 6572/36(2)-Gen. Bombay Castle, 24th Sept. 1949.

To

The Director of Industries & Stores Purchasing Officer, Bombay.

Subt- Purchase of spare parts for Link-Belt Speeder LS- 85.

You are requested to place a firm order on M/s. Larsen & Toubro Ltd., Bombay,..for spare parts as shown in the two ~~them~~ accompanying lists an an approx. total cost of Rs. 45,750.

2. Half the number of the spare parts should please be consigned to the Ex.Engr., Mahi Canal. Dn., and the other half to the Ex. Engr. , Gangapur Storage Division. The cost of the spares should be delivered to provisions made for Mahi and Gangapur Projects under the head " 68- P.W.R.& D.P."

D.A:- Two lists.

By order etc.

Copy, with copies of lists, forwarded to :-

The D. E., D.I.C.

The S.E., S.C.C.

The Ex. Engr., Mahi Canal., Dn.

The Ex. Engr., Gangapur Storage Dn.

for information.

Copies forwarded to :-

The F.D.

The E. & I.D.

The A. G., Bombay.

for information.

Sd/-
13-9-49

LARSEN AND TOUBRO LIMITED.
"CATERPILLAR" DIVISION.
POST BOX NO.278
BOMBAY.

SQ:25/49. April, 26,1949.

SUGGESTED LIST OF SPARES FOR LINK-BELT SPEEDER LS-85
SERIAL NOS.7A1179 and 7A1180 FOR TWO WORKING YEARS.

"THE ITEMS ON THIS QUOTATION WERE SELECTED BECAUSE OUR PAST EXPERIENCE AND SERVICE HISTORY INDICATE THAT THEY ARE THE ONES MOST LIKELY TO BE NEEDED FOR EMERGENCY REPLACEMENT. WE CANNOT GUARANTEE THAT WE HAVE INCLUDED EVERY PART WHICH MAY BE REQUIRED IN ANY GIVEN PERIOD OF TIME. GENERALLY SPEAKING? HOWEVER? WE ARE CONFIDENT THAT THIS ASSORTMENT WILL PROVIDE REASONABLE EMERGENCY PROTECTION"

Item 1.	County. 2.	Part No. 3.	Description. 4.	Rate. 5.
			SUGGESTED LIST OF SPARES FOR LINK-BELT SPEEDER LS-85 SERIAL NOS. 7A1179 and 7A1180 FOR TWO WORKING YEARS.	
1	4	AA84	Bolt,1-1/2x12" w/Tread Adjusting Square Nut	Rs. As. 14- 1
2	4	AA77	Bolt, Tread Adjusting, 1-1/2x12" w/AA78 Square Nuts.	43-12
3	102	XX340	Chain, Drive, per Link	13-12
4	4	AC76	Flexo-Tube 36"	7-13
5	2	AA 182	Flexo-Tube 50" Long.	9- 6
6	2	FA5	Flexo-Tube, 41", w/Two AC82 Stree Ells.	10-15
7	4	AA83	Bushing, Bronze, 4x3½x2½"	37- 8
8	1	AA81	Shaft, Trad Front Idler Roller, 30 1/2" x 15-1/4"	151- 4
9	2	AE104	Bushing, Bronze, 4 x 3½ x6"	96-14
10	1	AA70	Shaft, Rear Sprocket, 3½x28½"	156- 4
11	2	AE244	Shoe, 24" Tread, W/Conn.Pin & Bolt	150- 0
12	2	AA171	Shoe, 30" Tread, W/Conn. " "	228- 2
13	2	AE58	Shaft, Outer Traction 3x23-7/8"	159- 6
14	2	AE71 S	Spring, Compression 3-5/8" O.D. x 9" Long.	6- 4
15	2	AA58	Clutch, Stationary, Traction, Slide [illegible]	265-10
16	2	AC60	Collar, Bronze, Shift 3-3/4" Bore	62- 8
17	4	AC76	Flexo-Tube 36"	7-13
18	2	AA60	Clutch, Stationary, Traction w/AA61 Bra. Bshg. 5-3/4x5x2½"	325- 0
19	1	AA63	Shaft, Center Traction, 3x15-3/4"	118-12
20	1	AA64	Clutch, Traction Lock, 2/Set Bronze Bushing, 3x2½x3½"	856- 4
21	1	AA65	Gear, Bevel, 27-Teeth,3" Splin	743-12
22	1	AA67	Washer, Bronze, 7x3x1/4"	54-11

contd. on p. 3.....

1.	2.	3.	4.	5.
23	1	AA68	Clutch, Traction, Jaw, w/SC58 Bronze Bushing 3 x 2-1/2 x3-1/2"	Rs. As. 506- 4
24	2	AA61	Bushing, Bronze, 5-3/4x5x2½"	46-14
25	2	SC58	Bushing, Bronze, 3 x 2½ x 3½"	34- 6
26	2	BA50	Roller, Turntable, w/BA51 Gathe Bushing 3-1/2 x 3 x3-1/2"	343-12
27	4	BA51	Bushing, Gathe, 3½x3x3½"	43-12
28	4	BA53	Shaft, Turntable, w/x Roller 3x9-5/8"	100- 0
29	8	Washer,	Bronze 5 x 3 x 5/16"	26- 9
30	1	GA28	Shaft,Vertical Drive 3½x26-3/8"	368-12
31	1	GA32	Pinion, Bevel, 12- Tooth	256- 4
32	1	GA33	Washer, Bronze, 6x3-1/2x1/4"	37- 8
33	1	GA13	Washer, Bronze, 6x4x1/4"	37- 8
34	1	FB75	Bushing Bronze 4-1/2"x4x5"	78- 2
35	1	GA27	Bushing, Bronze, 4 x 3-1/2 x 4"	59- 6
36	4	FA93	Flexo-Tube, 58" Long, w/FA92 Street Ells.	12- 8
37	1	GA4	Bushing, Bronze, 8-3/4x8x4-1/2"	168-12
38	1	Ga31	Washer, Bronze, 5½x3½x¼"	32-13
39	4	EC18	Collar, Bronze, Shift, 4" Bore	58- 6
40	1	FA49	Shaft, Swing, 3-1/2"x27-1/8"	312- 8
41	1	FA98	Pinion, Swing14--Tooth, 3-1/2" Spline	412- 8
42	1	FA90	Bushing, Bronze, 5 x 4½ x 5½"	106- 4
43	1	FA87	Washer, Bronze, 7 x 3½ x 1/4"	59- 6
44	2	FB18	Bushing, Bronze, 4 x 3½ x 5"	56- 4
45	1	FAB68	Clutch Assembly, Swing Clutch and Swing Lock.	862- 8
46	1	FA66	Lock Swing.	243-12
47	2	FA51	Bushing, Bronze, 5 x 4-1/2" x 4"	65-10
48	1	CA30	Washer, Bronze, 6 x 4½ x ¼"	39- 1
49	1	FA1	Shaft, Center Drive 3 x 23-3/4"	150- 0
50	1	FB36	Washers Bronze 3 x 1 x 1/4"	21-14
51	1	GB2	Bushing, Bronze, 3½x3x5"	65-10
52	2	FA93	Flexo-Tube, 58" Long, w/FA92 Street Ells	12- 8
53	2	AC74	Washer, Bronze, 6x3x1/4"	35-15
54	1	FA25	Bushing, Bronze, Flanged	312- 8
55	1	FA12	Clutch, High-low Shift.	262- 8

1.	2.	3.	4.	5.
				Rs. As.
56	1	FA7	Sleeve, Separate Miter Adeting.	234- 6
57	2	FA10	Bearing, Radial Thrust	246-14
58	2	FA11	Retainer, Grease, 5x3x⅜"	28- 2
59	2	FA2	Miter, Seperate, 18-Tooth 3" Spline	712- 8
60	8	DAU68	Band, Clutch w/DA313 Lining, 1/4x2x76"	171-14
61	20	DA313	Lining, Clutch, 1/4"x2x76" Molded 8 piece.	28- 2
62	4	DB41	Bolt, Clutch, Band Adj. 3/4x4"w/Locknut	12- 8
63	4	DAU119	Band, Clutch, w/DA402 Lining 1x4x2x52½"	115-10
64	16	DA402	Lining, Clutch Band, 1/4x2x6½" 52½" Molded 3 piece.	25- 0
65	2	DAU115	Band, Brake w/DA314 Lining ¼x5x61"	212- 8
66	4	DA314	Lining, Brake Band, 1/4x5x61" Moulded 6 piece	59- 6
67	6	JC379	Spring, Compression 2-1/4" Long.	0-15
68	6	EE104	Block, Fibre Friction 3/4x1-1/4"	6- 4
69	4	DB13	Bushing, Bronze, 3½x3x4⅜"	56- 4
70	3	DB11	Washer, Brz, 5x6x1/4"	23- 7
71	2	DA318	Band, Hoist Brake, w/DA315 Lining 1/4 x 4x61"	159- 6
82	4	DA315	Lining, Brake Band, 1/4x4x61" Moulded 6 piece	71-14
73	2	KAU 406	Band, Brake, w/DA/313 Lining 1/4 x2x57"	156- 4
74	8	DC41	Link, Clutch Arm ## 3"	9- 6
75	1	CA209	Shaft, Reverse, 3x 52-3/4"	343-12
76	2	CA7	Bushing, Bronze, 5x4½x3"	45- 5
77	1	CA33	Gear, Reverse Clutch, 23",69-Teeth	1,737-8
78	8	CC45	Link, 2-1/4" Clutch Arm	7-13
79	4	CC43	Collar, Bronze Shift, 5-1/4" Bore	65-10
80	2	CB38	Collar, Clutch Throw-out,4-1/2" Bore	87- 8
81	2	FC3	Bearing, Ball Thrust 3" Bore	71-14
82	4	CA24	Miter, Clutch, Drumple-Teeth w/CA25 Bronze Bushing 3½x3⅜6½"	1,137- 8

contd. on p. 5....

1.	2.	3.	4.	5.
				Re. As.
83.	2	CA2	Bearing, Self-Aligning Pillow Block	381- 4
84	50	APX-3	Chain, Drive, per Link	10- 0
85	4	CA972	Band, Clutch, Complete W/CA76 Lining 1/4x 2-1/2x51-3/4"	128- 2
86	32	CA198	Lining, Clutch Band, 1x2½x51-3/8" (Molded) 3 piece	42- 3
87	1	CA202	Sprocket, Silent Chain Drive 102 Teeth	1,125- 0
88	1	MA1023	Pinion, Motor Drive, 15-Teeth	140-10
89	80	Chain, Link-Belt Silent Driver, per Link/		4-11
90	2	JB90	Yoke Clutch Shift	43-12
91	1	JA56	Yoke Shift	62- 8
92	1	JA686	Shift Yoke 5½x11	54-11
93	2	AA133	Yoke, Clutch Shift 8	43-12
94	2	AA137	Rod. Steering Clutch, 3/4x13" w/Jam Nuts	6- 4
95	4	AG193	Clevis, Control Rod, 3/4"	4- 6
96	4	AG187	Connection Control Rod 3/4" Hole, 2-1/2" Slot	5-10
97	80	SA40	Chain, Hyper Driver, per Link	16- 4
98	4	SA84	Washer, Bronze, 6-1/2 x3-1/2x1/4"	51- 9
99	2	S 85	Pinion, 17-Teeth Rack 3½" Spline	300- 0
100	4	AB92	Bushing, Bronze, 3½x3x3"	54-11
101	2	A070	Bushing, Bronze, 3x2-1/2"x3"	25- 2
102	10	SA159	Tooth Point, Shovel Bucket, w/SA160 Wedge Pin	100- 0
103	4	SA161A	Wdfge Latch Plate	21- 9
104	6	SC396	Tooth Point 12" Reversible W/Bolt	100- 0
105	2	NB91	Sheave, 19" cable, w/SC58 Bronze Bushing 2½x2x3"	368-12
106	2	TA13	Horizontal Roller, w/AC128 Bra. Bushing 2½x2½3"	121-14
107	4	TA16	Bronze, Washer 3½x4½"?	18-12
108	2	TA17	Pin, Horizontal Roller 2x5-3/4"	15-10
109	1	TA22	Bushing, Bronze. 2½x2x2-3/8"	18-12
110	2	TA24	Pin, Swivel Case, 2 x5"	26- 9
111	1	TA31	13-1/2" Cable Sheave, W/A070 Bronze Bushing 3 x 2½ x 3"	268-12
112	4	BC57	Washer, Bronze, 4x2½x1/4"	14- 1
113	2	TA37	Fairlead Sheave Pin, 2½x5½"	21-14
	6	MA211	Tooth Base, Drag Bucket	106- 4

1.	2.	3.	4.	5.
				Rs. As.
115	10	VC106	Tooth Point, Reversible	51- 9
116	4	MA214	Tooth Base, Drag Bucket	106- 4
117	4	MA216	Hitch, Inhaul chain Adjustable	37- 8
118	4	MA17	Pin, Drag Bucket Coupling, 1-1/8" x 9" w/Cotter & Washer	9- 6
119	4	MA221	Clevis, ¾ Inhaul chain Adjustable	31- 4
120	4	MA225	Chain, Inhaul, 37 Links, 3/4" chain	93-12
121	2	MA 226	Clevis, Inhaul chain Front Hitch	43-12
122	2	MA227	Hitch, Inhaul chain Front	17- 3
123	2	YG40	Socket, 5/8" Cable	53- 2
124	2	YG86	Wedge, 5/8" Cable Socket	7-12
125	2	YA86	Socket, Cable	40-10
126	4	MA196	Lower Hoist, 5/8" ~~Socket~~ Socket 13 Links	10-15
127	4	MA201	Chain, Upper Hoist, 5/8" 17 Links	12- 8
128	2	MA258	Sheave, 10" Cable, w/pin.	175- 0
129	2	EX17	Lining, Slack Take-up Disc	10-15
130	50	EX6	Rivert.	0- 1
131	2	EX19	Lining, Main Friction Disc	15-10

TERMS AND CONDITIONS

1. All items are ex-incoming subject to prior sale, unless otherwise stated.

2. Our prices are nett, ex-godown, Bombay, subject to fluctuation and change without notice. Packing and forwarding charges are extra and charged at cost.

3. Terms of payment are:

Cash against Railway Receipt through Bank/ V.P.P. or p on delivery at our godown, as the case may be. Please notify us of the Bank you wish us to send the documents and Railway or Postal receipts for payment.

4. Our responsibility ceases when the goods have left our premises. Please inform us if you wish to insure the consignment against loss or damage. Notify us with details of the route, Railway Station or Post Office, to which the consignment should be booked, and whether by Passenger Train Goods train, or Parcel Post.

5. Our prices arcexclusive of sales tax, purchase tax export duties etc. which may become applicable. Any such tax or duties if applicable, will be payable by buyers in addition to the sales prices payable.

Yours faithfully,

For LARSEN AND TOUBRO LIMITED.

Sd/- W. BARRETO.

LARSEN AND TOUBRO LIMITED
P. O. BOX 278 - B O M B A Y

Re:SO-27/49

SUGGESTED LIST OF SPARES FOR CATERPILLAR D318 ENGINES SERIAL NO 5W5001 and UP

Note: The items on this quotation were collected because our past experience and service history indicate that they are the ones most likely to be needed for emergency replacement. WEcannot guarantee that we have included every part which may be needed at any given period of time. Generally speaking, however, we are confident that this assortment would provide reasonable emergency protection.

Item	Qnty.	Part No.	DESCRIPTION	RATE
1.	1	7E2774	Belt.	49-14
2	3	3B8485	Fitting.	0- 9
3	1	4F381	Gasket.	1-15
4	2	4F378	Gasket	1-15
5	6	4F356	Gasket.	0- 9
6	1	5E2746	Jar.	3- 1
7	1	5E8323	Ring.	1- 1
8	1	2F2313	Element.	14- 4
9	6	4F6436	Liner.	92- 6
10	6	4F7206	Gasket.	2- 0
11	18	7E2124	Seal.	1-11
12	6	4F5657	Piston Assy.	128- 1
13	3	5F332	Ring Group.	54- 8
14	6	4F2883	Bearing.	35- 5
15	2	4F6174	Gasket.	3- 4
16	2	4F961	Gasket.	4- 4

1.	2.	3.	4.	5.
17	4	782419	Seal.	0- 1
18	12	686225	SEal.	0-11
19	6	583718	Seal.	0- 7
20	6	AF6921	Pump Assy.	125-13
21	12	AF4236	Nozzle Assy.	38- 1
22	24	788264	Element.	18- 0
23	24	885755	Element (4A332)	5-13
24	1	SF4723	Gasket.	4- 4
25	2	482663	Gasket.	4-13
26	4	682298	Bearing. 020 u/s.	4- 3
27	2	BF3669	Piston.	30-10
28	4	AB9995	Ring. 010" s/s.	4- 2
29	6	AB9999	Ring. 010" C/s.	1-15
30	1	AF2295	Condenser.	6- 3
31	2	243643	Spark Plug.	4-11

TERMS AND CONDITIONS.

1. All items are ex-stock, subject to prior sale unless otherwise stated.

2. Our prices are nett ex-godwn Bombay, subject to fluctuation and change without notice. Packing and forwarding charges are extra and charged at cost.

3. Terms of payment are - (1) Cash against R/R through Bank/ V.P.P. or on delivery at our godown, as the case may be. (2) Please notify us of the Bank you wish us to send the documents and Railway or Postal Receipts for payment.

4. Our responsibility ceased when the goods have left our premises Please inform us if you wish to insure the consignment against loss/damage. Notify us with ~~xxxxxxx~~ details of the route, Railway Station or Post Office, which the consignment should be booked and whether by Passenger train, Good train, or parcel post.

5.2 Our prices are exclusive of Sales tax, Purchase tax, Export duties ~~duties~~ or other levies which may become applicable Any such tax or duties, if applicable, will be payable by buyers in addition to the sales prices payable.

contd. on p.9...

Contd. from p. 8

FOR LARSEN AND TOUBRO LIMITED.

Sd/- W. Barreto.

True Copies,

Sd/- V. G. Phatak,

Junior Assistant, Issue Section,
Public Works Department, Bombay.

Id/-
23-9-49

LETTER

No.6572/36(2)-Con. Public Works Department.
B, C., 24th Sep. 1949

To

The Director of Industries and Stores
Purchasing Officer, Bombay.

Sub:- Purchase of spare parts for Link-Belt Speeder Le-85.

.....

You are requested to place a firm order on Messr, Larsen and Toubro Limited, Bombay, for spare parts as shown in the two accompanying lists at an approximate total cost of Rs. 45,750.

2. Half the number of the spare parts should place be consigned to the Executive Engineer, Mahi Construction Division, and the other to the Executive Engineer, Gangapur Storage Division, The cost of the spares should be debited to privisions made for mahi and Gangapur Projects under the head "68-Post-War Reconstruction and Development construction programme

By order of the Governor of Bombay,

Sd/- M.P.Gurjar,
Secretary to the Government of Bombay,
Public Works Department.

D.A: Two lists.

Copy, with copies of lists, forwarded to -

the Superintending Engineer, Deccan Irrigation Circ

-do- South Gujarat Circle,

the Executive Engineer, Hathi Construction Division,

-do- Gangapur Storage Division.

for information.

Copies forwarded to -

the Finance Department,

the Education and Industries Department,

the Accountant General, Bombay,

for information.

Record.

Sd/-
4-10-49

-/xx/x

No. CE/ST/13 of 1949
Office of the Superintending Engineer,
Gujarat Irrigation Circle,
Baroda, October 1949.
(Camp : Surat).

The Director of Industries and Stores,
Purchasing Officer.
Bombay.

Sub:- Purchase of spare parts for
Link-Belt Speeder L.S.-85.

Please refer to Government Letter No. 6572/36-(2)-Con dated 24-9-49. The total cost of spares offered by Messrs. Larsen and Toubro Limited, amounts to nearly Rs. 53,000/- The Mechanical Engineer in Mahi Canals has advised that the following spare parts costing Rs. 14,668 may be purchased for the present for the Link Belt Speeder which is in charge of the Executive Engineer, Mahi Canal Construction Division.

This may please be ordered.

Sd/-
Superintending Engineer,
Gujarat Irrigation Circle.

Copy f.w.c. to the Chief Engineer & Secretary to Govtt: P.W.D. with reference to Govtt: letter P.W.D. No. 6572/36(2) Con. dated 24-9-49.

Copy f.w.c. to the Executive Engineer, M.C.C. Division, with reference to his No. 3859 dt. 27-9-49.

Copy

LARSEN & TOUBRO LIMITE
LLOYD BUILDING
DOUGALL ROAD
P. O. BOX NO.278

3/4505/0

The Assistant Stores Purchase Officer,
Office of the Director of Industries,
Old Custpms House Yard,
Kent, Bombay.

Dear Sir,

SPARE PARTS FOR LINK-BELT SPEEDER LS-85

With reference to your letter SPH/2001/15057 dated 5th instant, we are pleased to send you herewith our revised Quotation for a list of Suggested Spares for Link-Belt Speeder Ls-85 Crabs. The prices quoted are b ased on the current rates of our Principals subject to our tTerms and Conditions.

We have applied to the Authorities for the necessary Import Licence, which we expect to receive very soon. Should you favour us with your order immediately we wp would request our Prinpals to ship these Spare Parts as soon as we receive the Licence.

With pleasure at your service , we remain,

Yours faithfully,
For Larsen & Toubro Limited,

Sd/-
B. Carl Kenoke.

P/17-5

LARSEN & TOUBRO LIMITED
"CATERPILLAR" DIVISION
POST BOX NO. 278
BOMBAY.

SUGGESTED LIST OF SPARES FOR LINK-BELT SPEEDER LS-85
SERIAL NOS. 7A1179 & 7A1180 FOR TWO WORKING YEARS.

SQ:60/49 Bombay 14th November, 1949

The Assistant Stores Purchase Officer
Office of the Director of Industries
Old Customs House Yard
BOMBAY.

"THE ITEMS ON THIS QUOTATION WERE SELECTED BECAUSE OUR PAST EXPERIENCE AND SERVICE HISTORY INDICATE THAT THEY ARE THE ONES MOST KIKELY TO BE NEEDED FOR EMERGENCY REPLACEMENT. WE CANNOT GUARANTEE THAT WE HAVE INCLUDED EVERY PART WHICH MAY BE REQUIRED IN ANY GIVEN PERIOD OF TIME, GENERALLY SPEAKING, HOWEVER, WE ARE CONFIDENT THAT THIS ASSORTMENT WILL PROVIDE REASONABLE EMERGENCY PROTECTION."

Item 1.	Qty. 2.	Part No. 3.	Description 4.	Rate 5.	Amount 6.
1	4	AA84	Bolt, 1-1/2"x12" w/Tread Adjusting Square Nut.	Rs. As. 19- 2	Rs. As. Ps. 76- 8- 0
2	4	AA77	Bolt, Tread Adjusting 1-1/2"x12" w/AA78 Square Nut	59- 8	238- 0- 0
3	204	XX840	Chain, Drive, per Link	18-11-	3,812- 4- 0
4	4	AC76	Flexo-Tube 36"	10-10-	42- 8- 0
5	2	AA182	Flexo-Tube, 50" Long.	12-12	25- 8- 0
6	2	FA5	Flexo-Tube 41", w/Two AC82 Street Ells	14-14	29-12- 0
7	4	AA83	Bushing, Bronze, 4x3-1/2"x2-1/4"	51- 0	204- 0- 0
8	2	AA31	Shaft, Tread Front Idler Roller 3-1/2"x15-1/4"	178- 8	357- 0- 00
9	4	AE104	Bushing Bronze, 8x3-1/2"x6	131-12	527 0- 0
10	2	AA70	Shaft, Rear Sprocket, 3½x28-1/4"	212- 8	425- - 00
11	2	AE244	Shoe, 24" Tread, w/Comm Pin & Bolt	204- 0	408- 0- 0
12	2	AA171	Shoe, 30" Tread W/Comm Pin & Bolt	310- 4	620- 8- 0
13	2	AE58	Shaft, Outer Tractor 3x22-7/8"	216-12	433- 8- 0
14	2	AE71	Spring, Compression 3-5/8" O.D. x9" Long	8- 8	17- 0- 0
15	2	AA58	Clutch, Traction Slide	361- 4	722- 8- 0
16	4	AC69	Collar, Bronze, Shaft 3-3/4" Bore	85- 0	340- 0-
17	4	AC76	Flexo-Tube 36"	10-10	42- 8-
18	2	AA60	Clutch, Stationary, Traction w/AA61 Bronze Bushing 5-3/4x5x2-1/2"	422- 0	834- 0-

P.T.O.

1.	2.	3.	4.	5.	6.
19	1	AA63	Shaft, Center Traction 3 x 15-3/4"	161- 8	161- 8- 0
20	1	AA64	Clutch, Traction Lock, w/SC58 Bronze Bushing 3x2-1/2" x3-1/2"	1164- 8	1,164- 8- 0
21	1	AA66	Gear, Bevel, 27-Tooth, 3" Slin.	1011- 8	1,011- 8- 0
22	1	AA67	Washer, Bronze, 7x3x1/4"	74- 6	74- 6- 0
23	1	AA68	Clutch, Traction Jaw, w/SC58 Bronze Bushing, 3x2-1/2"x3-1/2"	683- 8	683- 8- 0
24	2	AA61	Bushing, Bronze, 5-3/4"x5x2-1/2"	63-12	127- 8- 0
25	2	SC58	Bushing, Bronze, 3x2/½x3-1/2"	46-12	93- 8- 0
26	4	BA50	Roller, Turntable, w/BA51 Bushing, 3-1/2" x5x3-1/2"	467- 8	1,870- 0- 0
27	4	BA51	Bushing, Gathem 3½x3x3x3-1/2"	59- 8-	238- 0- 0
28	4	BA53	Shaft, Turntable Roller 3x9-5/8"	136-0	544- 0- 0
29	8	BA60	Washer, Bronze, 5x3x5/16"	36- 2	289- 0- 0
30	1	GA28	Shaft, Vertical Drive, 3½" x 29-3/8"	501- 8	501- 8- 0
31	1	GA32	Pinion, Bevel 12-Tooth	348- 8	348- 8- 0
32	1	GA33	Washer, Bronze, 6x3-1/2"x¼"	51- 0	51- 0- 0
33	1	GA13	Washer, Bronze, 6x4x1/4"	51- 0	51- 0- 0
34	1	No F975	Bushing, Bronze, 4-1/2"x4x5"	106- 4	106- 4- 0
35	1	GA27	Bushing, Bronze, 4x3-1/2"x4"	80-12	80-12- 0
36	4	FA93	Flexo-Tube 53" Long w/FA92 Stree Nil	17- 0	68- 0- 0
37	1	GA4	Bushing, Bronze, 8-3/4"x8x 4-1/2"	229- 8	229- 8- 0
38	1	GA31	Washer, Bronze, 5-1/2"x3-1/2" x1/4"	44-10	44-10- 0
39	6	EC18	Collar, Bronze Shift4"Bore	80-12	484- 4- 0
40	1	FA49	Shaft, Swing, 3-1/"x27-1/8"	425- 0	425- 0- 0
41	1	FA98	Pinion, Swing, 14-Tooth, 3½" Spline	561- 0	561- 0- 0
42	1	FA90	Bushing, Bronze, 5x4-1/2" x 5-1/2"	144- 8	144- 8- 0
43	1	FA87	Washer, Bronze, 7x3-1/2" x1/4"	80-12	80-12- 0
44	2	FB18	Bushing, Bronze, 4x3-1/2"x5"	76- 8	153- 0- 0
45	1	FAU68	Clutch, Assembly, Swing Clutch & Swing Lock	1173- 0	1,173- 0- 0

Contd. on p. 3....

1.	2.	3.	4.	5.	6.
46.	1	FA66	Lock Swing.	331- 8	331- 8- 0
47	2	FA51	Bushing, Bronze, 5x4-1/2"x4"	89- 4	89- 4- 0
48	1	CA30	Wormgear Bronze, 6x4-1/2"1/4"	59- 2	59- 2- 0
49	1	FA1	Shaft, Center Drive, 3x23-3/4"	204- 0	204- 0- 0
50	1	FB36	Washer,Bronze, 3x1x1/4"	29-12	29-12-0
51	1	CB2	Bushing,Bronze, 3-1/2"x3x5"	89- 4	89- 4- 0
52	2	FA93	Flame-Tube 58" Long w/FA92 Street El	117- 0	34- 0- 0
53	2	AC74	Washers Bronze 6 x 3 1/4"	48-14	97-12- 0
54	1	FA25	Bushing, Bronze Flanged	425- 0	425- 0- 0
55	1	FA12	Clutch, High-low Shift	357- 0	357- 0- 0
56	1	FA7	Sleeve, Seperate Miter Adjusting	318-12	318-12- -
57	2	FA10	Bearing, Radial Thrust	335-12	671- 8- 0
58	2	FA11	Retainer, Grease 5x3x1/2"	38- 4	76- 8- 0
59	2	FA2	Miter, Seperate, 18-Teeth 3"Spline	969- 0	1,938- 0-0
60	8	DAB68	Band, Clutch,w/DA313 Lining 1/4" x 2 x 76"	233-12	1,870- 0- 0
61	20	DA313	Lining, Clutch,1/4x2x76" Molded 8 piece.	38- 4	765- 0- 0
62	8	DB41	Belt, Clutch Band Adj., 3/4 x 4" S w/Locknut	17- 0	136- 0- 0
63	8	BAD.10	Band, Clutch, 2 w/DA402 Lining 1/4 x 2 x 52-1/2"	157- 4	1,258- 0- 0
64	16	DA402	Lining, Clutch Band,1/4x2x 52-1/2" (Molded 3 piece)	34- 0	544- 0- 0
65	2	DAU115	Band, Brake w/DA314 Lining 1/4 x 5 x 61"	289- 0-	578- 0- 0
66	4	DA314	Lining, Brake Band, 1/4 x5x 61" (Moulded 6 piece)	80-12	323- 0- 0
67	6	JC379	Spring, Compression 2-1/4"Long	1- 4	7- 8- 0
68	6	EE104	Block, Fibre Friction, 3/4x1-1/4"	8- 8	51- 0- 0
69	4	DB13	Bushing, Bronze, 4xx 3-1/2x3 4-1/8"	76- 8-	306- 0- 0
6870	6	DB11	Washer, Bronze, 5x 3x1/4"	31-14	191- 4- 0
71	2	DA313	Band, Hoist Brakes w/DA315 Lining 1/4 x4x61"	216-12	433- 8- 0
72	4	DA315	Lining Brake Band 1/4x4x61" Moulded 6 piece	97-12	391- 0- 0
73	2	BAB406	Band, Brakes w/DA313Lining 1/4" x 2 x 57"	212- 8	425- 0- 0
74	8	DC31	Link, Clutch Arm 5"	12-12	102- 0- 0

1.	2.	3.	4.	5.	6.
75	1	GA209	Shaft, Reverse 3 x 52-3/4"	467- 8	467- 8-0
76	2	GA7	Bushing, Bronze 5x4-1/2" x3"	61-10	123- 4-0
77	1	GA33	Gear, Reverse & Clutch23" 69 Teeth	2363- 0	2,363- 0-
78	8	CC45	Link, 2-1/4" Arm	10-10	85- 0-0
79	8	GB43	Collar, Bronze Shift, 5-1/4" Bore	89- 4	714- 0-0
80	2	CB38	Collarm Clutch Thrcwout 4½" Bore	119- 0	238- 0-0
81	4	FC3	Bearing, Ball Thrust, 3" Bore	97-12	391- 0-0
82	4	GA24	Miter, Clutch, Drum, 18-Teeth w/GA25 Bronze Bushing, 3-1/2"x3x6½"	1547- 0	6,188-0-0
83	2	GA2	Bearing, Self-Aligning Pillow Block	18- 8	1.037- 0-0
84	92	APL-3	Chain, Drive, per Link	13-10	1,253
85	8	GAU72	Band,Clutch,Complete w/GA76 Lining 1/4" x2-1/2"x51-3/4"	174- 4	1,394- 0-0
86	32	GA198	Lining, Clutch, Band 1/4x2-1/2" x 51-5/8" (Molded) 3 piece	57- 6	1,836- 0-0
87	1	GA8282	Sprocket,Silent Chain Driver 102-Tooth	1530- 0	1,530- 0-0
88	1	HA1023	Pinion,Motor Drive, 15-Tooth	191- 4	191- 4-0
89	126		Chain, Link-Belt Silent Driver per Link	6- 6	883- 4-0
90	2	JB50	Yoke, Clutch Shift	59- 8	119- 0-0
91	1	JA56	Yoke, Shift	85- 0	85-
92	1	JA686	Shift Yoke	74- 6	74-
93	2	AA133	Yoke, Clutch Shif.	59- 8	117- 0-0
94	2	AA137	Rod, Steering Clutch 3/4" x13" w/Jam Nuts	8- 8	17- 0-0
95	4	AC193	Clevis, Control Rod 3/4"	5-15	23- 12- 0
96	4	AC187	Connection Control Rod 3/4" Hole 2-1/2" Slot	7-10	30- 8-0
97	143	SS40	Chain, Hyper Driver, per Link	22- 2	3,163-14-0
98	4	SA84	Washer, Bronze 6-1/2"x3-1/2"x¼"	70- 2	280- 8-0
99	4	SA85	Pinion, 17-Teeth Rack 3-½" Spline	408- 0	1,6 32-0-0
100	4	AB92	Bushing, Bronze,3-1/2x3x3"	74- 6	297- 8-0
101	2	AC70	Bushing, Bronze 3x2-1/2"x3"	38- 4	76- 8-0

Cont'd. on p. 5.....

1.	2.	3.	4.	5.	6.
102	16	SA159	Tooth Point, Shoevel Bucket w/SA160 Wedge Pin	136- 0	2,176- 0-0
103	4	SA161A	Wedge Latch Plate	29- 5	117- 4-0
104	8	SC396	Tooth Point, 12" Reversible w/Bolt	136- 0	2,176 -0-0
105	2	MB91	Sheave, 19" Cable, w/SC58 Bronze Bushing 3x2-/8x3-1/2"	501- 8	1,003- 0-0
106	2	TA19	Horizontal Roller, w/AC128 Bronze Bushing [illegible] 2-1/2x2x3"	186-12	931- 8-0
107	4	Ta16	Bronze Washer 3-1/2" x2x1/4"	25- 8	102- 0-0
108	2	TA17	Pin,Horizontal Roller 2x5-3/4"	21- 4	42- 8-0
109	2	TA22	Bushing, Bronze, 2-1/2" x2x2-3/8"	25- 8	51- 0-0
110	2	TA24	Pin, Swivel Case 2 x 5"	36- 2	72- 4-0
111	2	TA131	13-1/2" Cable Seahve, w/Ac70 Bronze Bushing 3x2-1/2" x 3"	365- 8	731- 0-0
112	4	BC57	Washer, Bronze 4x2-1/2x2 2-1/4"	19- 2	76 -8-0
113	2	TA37	Fairjead Sheave Pin 2-1/2"x5-1/2"	29-12	59- 8-0
114	8	MA211	Tooth Bazan Drag Bucket	144- 8	1,156- 0-0
115	16	YC107	Tooth Point, Reversible Base	70- 2	1,122-0-0
116	4	MA214	Tooth/Drag, Bucket	144- 8	578- 0-0
117	4	MA216	Hitch, Inhaul Chain Adjustable	51- 0	204- 0-0
118	4	MA217	Pin, Drag Bucket Coupling 1-1/8" x 9" w/Cotter & Washer	12-12	51 -0-0
119	4	MA221	Clevis, Inhaul Chain Adjustable	42- 8	170- 0-0
120	4	MA225	Chain, Inhaul. 37 Links 3/4"Chain	127- 8	510- 0-0
121	2	MA228	Clevis, Inhaul Chain Front Hitch	59- 8	119- 0-0
122	2	MA227	Hitch, Inhaul Chain Front	23- 6	46-12-0
123	2	YC40	Spelter 5/8" Cable	72- 4	144- 8-0
124	2	YC26	Wedge, 5/8" Cable Socket	10-10	21- 4-0
125	2	YA86	Bolster, Cable	55- 4	110- 8-0
126	4	ME194	Chain Lower Hoist, 5/8" 13 Links	14-14	59- 8-0
127	4	ME201	Chain,Upper Hoist, 5/8" 17 Links	17- 0	68- 00
128	2	MA258	Sheave, 10" Cable w/pin	238- 0	476- 0-0
129	2	HK17	Lining, Slatck Takeup Disc	14-14	29-12-0
130	50	HK6	Rivets	0- 1	3- 2-0
131	2	HK19	Lining, Main Friction Disc.	21- 4	42- 8-0

Total Rs.67,452-12-0

For Larsen & Toubro Limited

Sd/- B. Carl Kenoke

SIGNATURE OF ACCEPTANCE.

This Suggested List is subject to our Terms & Conditions attached herewith.

Ld/-

LARSEN & TOUBRO LIMITED
ENGINEERS.

LLOYD BUILDING.
DOUGALL ROAD
BALLARD ESTATE.
P.O. BOX. No.278

Bombay-1.
14th Nov., 1949

The Assistant Stores Purchase Officer
Office of the Director of Industries
Old Customs House Yard
Fort- Bombay.

QUOTATION FOR SPARE PARTS
TERMS AND CONDITIONS

1. Our prices are nett, ex-godown, Bombay subject to fluctuations and change without notice. Packing and forwarding charges are extra and charged at cost.

2. Terms of Payment:- Cash against Railway receipt through Bank/V.P.P. or on delivery at our godown, as the case may be.
Please notify us of the Bank you wish us to send the documents and railway or postal receipt for payment.

3. Our responsibility ceases when the goods have left our premises Please inform us if you wish to insure the consignment against loss or damage. Notify us with details of the route, Railway station or Post office, to which the consignment should be booked, and whether by Passenger train, Goods train, or parcel post.

4. Our prices are exclusive of sales tax, purchase tax, export duty, any other duties or levies, which may become applicable,. Any such taxes, duties or levies if applicable will be payable by buyers in addition to the sales prices payable by them.

For Larsen and Toubro Ltd
Sd/- B. Carl Kenoke

1.	2.	3.	4.	5.	6.
102	16	SA159	Tooth Point, Shoevel Bucket w/SA160 Wedge Pin	136- 0	2,176- 0-0
103	4	SA161A	Wedge Latch Plate	29- 5	117- 4-0
104	8	SC396	Tooth Point, 12" Reversible w/Bolt	136- 0	1088 2,176 -0-0
105	2	MB91	Sheave, 19" Cable, w/SC58 Bronze Bushing 3x3-/8x3-1/2"	501- 8	1,003- 0-0
106	2	TA13	Horizontal Roller, w/AC128 Bronze Bushing Sxxxdxx 2-1/2x2x3"	186-12	331- 8-0
107	4	Ta16	Bronze Washer 3-1/2" x2x1/4"	25- 8	102- 0-0
108	2	TA17	Pin,Horizontal Roller 2x5-3/4"	21- 4	42- 8-0
109	2	T 22	Bushing, Bronze, 2-1/2" x2x3-3/8"	25- 8	51- 0-0
—	2	TA24	Pin, Swivel Case 2 x 5"	36- 2	72- 4-0
111	2	TA131	13-1/2" Cable Sheave, w/Ac70 Bronze Bushing 3x3-1/2" x 3"	365- 8	731- 0-0
112	4	BC57	Washer, Bronze 4x2-1/8x3 2-1/4"	19- 2	76 -8-0
113	2	TA37	Facepead Sheave Pin 2-1/2"x5-1/2"	29-12	59- 8-0
114	8	MA211	Tooth Bazam Drag Bucket	144- 8	1,156- 0-0
115	16	WC107	Tooth Point, Reversible Base	70- 2	1,122-0-0
116	4	MA214	Tooth/Drag, Bucket	144- 8	578- 0-0
117	4	MA216	Hitch, Inhaul Chain Adjustable	51- 0	204- 0-0
118	4	MA217	Pin, Drag Bucket Coupling 1-1/8" x 9" w/Cotter & Washer	12-12	51 -0-0
	4	MA221	Clevis, Inhaul Chain Adjustable	42- 8	170- 0-0
120	4	MA225	Chain, Inhaul. 37 Links 3/4"Chain	127- 8	510- 0-0
121	2	MA228	Clevis, Inhaul Chain Front Hitch	59- 8	119- 0-0
122	2	MA227	Hitch, Inhaul Chain Front	23- 6	46-12-0
123	2	YC40	Spelter 5/8" Cable	72- 4	144- 8-0
124	2	YC26	Wedge, 5/8" Cable Socket	10-10	21- 4-0
125	2	YA86	Socket, Cable	55- 4	110- 8-0
126	4	ME194	Chain Lever Hoist, 5/8" 13 Links	14-14	59- 8-0
127	4	ME201	Chain,Upper Hoist, 5/8" 17 Links	17- 0	68- 00
128	2	MA258	Sheave, 10" Cable w/pin	238- 0	476- 0-0
129	2	HX17	Lining, Slack Take-up Disc	14-14	29-12-0
130	50	HX6	Rivets	0- 1	3- 2-0
131	2	HX19	Lining, Main Friction Disc.	21- 4	42- 8-0
				Total	Rs.67,452-12-0

Letter

No.SPM.2001/61/
Office of the Director of Industries,
Old Customs House Yard, Fort.
Bombay, 22nd Nov. 1949

To

The Secretary to Government,
Public Works Department,
BOMBAY.

Sub:- Purchase of spare parts for
Link Belt Speeder LS-85

Ref:- Government letter P.W.D.No.
6572/36(2)-Gen.dt. 24-9-49.

I enclosed herewith a copy of letter No.3/4508/0 dated 14th November 1949 from M/s. Larsen & Toubro Ltd., together with their terms and conditions regarding their offers for spare parts for your information. It will be observed that they have revise their quotations for the spare parts for the Link Belt Speeder LS-85 The Executive Engineers, Mahi Canal Construction Division, and Gangapur Storage Division, may be instructed by you to purchase these spare parts directly from the firm under intimation to this office, provided the terms and conditions stated ny the firm are acceptable to you.

Sd/-
Assistant Stores Purchasing Officer
for Director of Industries & Stores
Purchasing Officer.

Enclosures: 2

Grams.

LARSEN & TOUBRO LIMITED
ENGINEERS.

Lloyed Building,
Dougall Road,
Ballard Estate,
P.O.Box.No.278,
Bombay-1.

No. 3/4712/O.

Dated 18th November, 1949.

The Assistant Stores Purchase Officer,
Office of the Director of Industries,
Old Customs House Yard,
Fort- Bombay.

Dear Sir,

Spares for Link-Belt Speeder LS-85
Your letter SPH/2001/5057/5-11-49.

Further to our letter Ref. No. 3/4505/O dated 14th instant we have pleasure to send you herewith our revised Quotation 80162/49 for a list of Suggested Spares for "Caterpillar" Model D318 Engine fitted to the LS-85 Crane.

This list is prepared by us forone Engine for a period of two normal working years. Since you have two engines powering the two LS-85 Cranes, we suggest you double this list to cover both the engines.

With pleasure at your service, we remain,

Yours faithfully,
for Larsen & Toubro Limited,

Sd/- V. Barreto.

LARSEN & TOUBRO LIMITED.
"CATERPILLAR" DIVISION
POST BOX NO. 278.
BOMBAY.

SQ:62-49

SUGGESTED LIST OF SPARES FOR CATERPILLAR D318 ENGINES
SERIAL NO.5V5001 & UP.

THE items on this quotation were selected because our past experiance & service history indicate that they are the ones most likely to be needed for emergency replacement. We cannot gurantee that we have included every part which may be needed at any given period of time. Generally speaking, however, we confident that this assortment would provide reasonable emergency protection.

Item No. 1.	Qty. 2.	Part No. 3.	Description. 4.	Rate. 5.	Amount. 6.
1.	1	7B2274	Belt	53- 7	53- 7
2.	3	3B8485	Fitting	0-11	2- 1
3	1	4F381	Gasket	3- 2	3- 2
4	2	4F378	Gasket	2-10	5- 4
5	6	4F356	Gasket	0-12	4- 8
6	1	5B2746	Jar/	1- 7	1- 7
7	1	5B3323	Ring	11- 7	1- 7
8	1	2F2316	Element	19- 6	19- 6
9	6	4F6486	Liner	125-10	753-12
10	6	4F7206	Gasket	2-12	16- 8
11	18	7B2124	Seal	2- 5	41-10
12	6	4F5057	Piston Assembly	174- 3	1,045- 2
13	3	5F332	Ring Group	79- 9	238-11
14	6	4F2883	Bearing	48- 0	288- 0
15	2	4F6174	Gasket	4- 7	8-14
16	2	4F961	Gasket	4- 7	8-14
17	4	7B2419	Seal	0-15	3-12
18	12	6B6225	Seal	0-15	11- 4
19	6	5B3718	Seal	0-10	3-12
20	6	4F6921	Pump Assembly	171- 2	1,026-12
21	12	4F4236	Nozzle Assembly/	51-12	621- 0
22	24	7B8264	Element	24- 8	588- 0
23	24	8B5755	Element (4A332)	7-15	190- 8
24	1	5F4723	Gasket (6F2080)	7- 2	7- 2
25	2	4B2663	Gasket	6- 9	13- 2

P.T.O.

1.	2.	3.	4.	5.	6.
26	4	6B2298	Bearing .020 u.s.	5-11	22-12
27	2	2F2669	Piston	41-10	83- 4
28	1	4F9874	Ring	33- 1	33- 1
29	1	4F2295	Condensor	9- 6	9- 6
30	2	2A3643	Spark Plug	6- 6	12-12
					Rs.5,123- 8

TERMS & CONDITIONS:

1. Our prices are nett, ex-godown, Bombay, subject to fluctuation and change without notice. Packing and forwarding charges are extra and charged at cost.

2. Terms of payment: Cash against Railway receipt through V.P.P./ Bank or on delivery at our godown, as the case may be.

3. Please notify us of the Bank you wish us to ~~x~~ send the documents and railway or postal receipt for payment.

3. Our responsibility ceases when the goods have left our premises. Please inform us if you wish to insure the consignment against loss or damage. Notify us with details of the route, Railway station or Post office, to which the consignment should be booked, and whether by passenger train, Goods train, or parcel post.

4. Our prices are exclusive of sales tax, purchase tax, export taxes, duties or levies if applicable will be payable by buyers in addition to the sales prices payable by them.

For Larsen & Toubro Ltd.,

Sd/- W. Barreto.

Signature of Acceptance

p/19/5

Letter

No.SPH.2001/

Office of the Director Industries,
Old Customs House Yard, Fort,
Bombay, 25th November,1949

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:- Purchase of Spare Parts for
Link-Belt Speeder LS-85.

Ref:- Govt. letter P.W.D No.6572/36
(2)-Gen. dated 24-9-49.

In continuation of this office letter No. SPH.2001/ 16080 dated 22-11-49 I am sending herewith a copy of the letter No. 3/2712/0 dated 19-11-49 from M/s. Larsen-& Toubro Ltd., together with a revised quotation SQ:62/49 for a list of suggested spares for "Caterpillar" Model D 318 Engines Fitted to the LS-85 Crane.

Sd/-
Asstt. Stores Purchasing Officer,
for Director of Industries and
Stores Purchasing Officer.

Sd/-
24-11

No.1868 of 1949. Office of the Supdtg. Engineer, G.I.C.,
Baroda, 31 st November, 1949.

The Executive Engineer,
Mahi Canal Construction Division,
Dakor.

Sub:- Purchase of spare parts for Link Belt Speeder LS-85.

Ref:- Director of Industries & Stores Purchasing Officer's No. SPH2001/16050 dated 22-11-49.

You are requested to place orders for the purchase of the spare parts fo the Ls-85 Dragline with you.

2. Orders should be placed to the extent of Rs. 14669/- for the spare parts as suggested by the Sub.Dal. Officer Mechanical Sub Divisen, vide your No. 3165 dt. 18-8-49.

D.As Nil.

Id/-
Superintending Engineer,
Gujarat Irrigation Circle.

Copy forwarded with compliments to the Director of Industries & Stores Purchasing Officer, Bombay, with reference to his No.

Copy forwarded with compliments to the Chief Engineer to Govt. of Bombay, P.W.D. Secretariat, Bombay, with ref. to endoresemtn below this office No.GIC/st/134/10-10-49.

Public Works Department

Gen. Br.

The main papers (file No.6572/36(2)-Dt.XX) have been refd. u.o. to the P.D. on 30-11-49 Hence their return may be awaited.

Id/-
3-12-49

Id/-
3-12-49

B/17-5

Letter.

6272/36(2)
81462.

No.6572/36(2)-XX-Con. Public Works Department.
B. C. (Bombay No. 1)
9th May. 1950.

To

The Ex. Engineer, Gang. Storage Dn.,
The Ex. Engineer, Mahi Const. Dn.

Subt- Purchase of Spare parts for Link-Belt Speeder LS-85.

Ref:- Correspondence ending with G.E. No.6572/36(2)-Con. Dt. the 24th Sept. 1949.

2. Copies of letters Nos. SPH 2001/16050, dt. the 22nd Nov. 1949, and SPH 2001/16234 dt. the 25th Nov. 1949, together with their accounts. are forwarded herewith and you are informed that you may place orders for spare parts directly on M/s.Larsen & Toubro Ltd., under intimation to Govt. and the Director of Industries and Stores Purchasing Officer at a total cost not exceeding Rs. 36,283 for each Division.

3. In case the Executive Engineer, Mahi Construction Division, has already placed orders to the extent of Rs. 14669 as directed by the S.E.,G.I.C., in his letter No. 1868 dt. the 30th Nov., 1949, he should only order further one set of spare parts costing Rs.21,614 only.

4. The charge should be debited to the provisions made for the projects under the head "68-Irrigation P.W.R.D.I."

D.A: Copies of letter
& accounts.

By order etc.

Copies with copies of Dir. of I.& S.P.Officer's letter refd. & their accounts, forwarded to:-

The S.E., D.I.C.

The S.D., G. I.C.

contd.....

for information with refec. to G. E. No. 6572/
36(2)-Gen., dt. the 24th Sept., 1949.

Copy forwarded to:

The F. D.

The A. G., Bombay.

The Director of Industries & Stores Purchasing Officer,
for information, with refec. to G.L. No. 6572/36(2)-Gen.,
dated the 24 th September 1949.

Id/-
3-1-50

Id/-
5/1

Issue

Id/-
6-1-50

Id/-
9-1

LETTER

No. 30/3118 of 1950 Deccan Irrigation Circle,
Poona,1, 10th April 1950.

To

The Secretary to the Government of Bombay
Public Works Department, Bombay.

Sub:- Purchase of spare parts for
Link-Belt speeder LS-85

Ref:- G.L P.W.D. No. 6572/36(2)-XX-Con,
dt. 9-1-1950.

*****

In the above letter, Government have authorised the Executive Engineer, Gangapur Storage Division, Nasik and the Executive Engineer, Mahi Construction Division to place an order for spareparts for Link Belt speeder LS-85 directly on M/s. Larsen and Toubro to the extent of Rs. 36,288/- for each Division.

2. The Executive Engineer, Gangapur Storage Division reports that some of the items in the list of spare parts are not in exact multiple of two that they can be divided half to half between the two divisions viz. Gangapur Storage Division and Mahi Construction Division. It was suggested by the Executive Engineer, Gangapur Sto-rage Division to the Superintending Engineer Gujarat Irrigation Circle, that the odd number of spare parts might be held by the Gangpur Division for the common use of both the Divisions. But the same is not agreed to and he has proposed to order increased number of spare parts so as to be exactly divisibly by two. Accordingly the cost of the order will increase from Rs. 36,288/- to Rs. 43,085/- for each division.

3. It is therefore requested that Government may kindly be moved to authorise the Executive Engineer, Gangapur Storage Division, Nasik to place an order to the extent of Rs. 43,085/- in the circumstances explained above.

Sd/-

Superintending Engineer,
Deccan Irrigation Circle,

Ld/-
10-4

Copy forwarded to the Executive Engineer, Gangapur Storage Division, for information.

Copy forwarded to the Superintending Engineer, Gujarat Irrigation Circle for information with reference to Executive Engineer, Gangapur Storage Division's letter No. 3033 dated 16/17— March, 1950 copy endorsed to him.

---

for disposal please see O/M dated 29-4-50 on page 15 in the M/S.

Ld/-
29-4-50

Item No.	Description of articles	Quantity	Rate	Unit	Total Cost.
From 1 to 161	As per list attached herewith.				

Total cost comes to Rs. Forty three thousand and eighty five only (Rs. 43,095/-) plus sales tax extra if applicable.

Note:- Above prices are not Ex-Godown, Bombay subject to fluctuation and change without notice.

Despatch Instructions: Materials should be securely packed and despatched to the Executive Engineer, Gangapur Storage Division, Nasik.

Head of Debit. "68-Irrigation Post War Reconstruction and Development Programme".

Sd/-

EXECUTIVE ENGINEER,

GANGAPUR STORAGE DIVISION,

MPP/19-4. (8).

Copy with compliments, to the Assistant Stores Purchasing Officer, Old Custom House Yard Fort Bombay for record.

Copy with compliments, to the

Plant Engineer,

Sub-divisional Ofiser, Gangapur Mechanical Sub-division,

Sub-divisional Officer, Supply and Transport Sub-division,

Accounts Branch,

Store-keeper,

for information.

GANGAPUR STORAGE DIVISION.

Order No. E.M./-D-7-D-8(435)/

Office of the Ex.Engr.,
Gangapur Storage Division, Nasik,
Nasik, dated the 1950.

To

Messrs. Larsen & Toubro Ltd.,
Lloyed Building, Dougall Road,
Ballard Estate, P.O.Box No. 278,
Bombay.

Sub:- Order for — Spare parts link belt
Speeder L S 85.

Dear Sirs,

I accept your offer communicated to the AS.E.Officer, Bombay in your letter No. 8060/49 dated and
and request you to supply the articles as per schedule overleaf.

2. The total cost of the order for delivery Ex-Godown F/O/R/ Bombay comes to Rs. 43,085/- four thousand forty three thousand and eigh five only. and you should not despatch the goods if the total ex exceeds that amount excluding freight charges, sales tax if applicable, and insurance charges if any.

Note:- Packing and forwarding charges from the godown to Railway Station can only be claimed when the rate is Ex-Godown. In the case of F.O.R. quotations the above charges are inadmissible.

3. Inspection:- By the consignee and / or by any officer authorised by this office.

4. Designation and full address of the Consignee:- Executive Engineer, Gangapur Storage Division, Trimbak Road, Nasik.

5. Despatch instructions:-

Goods should be consigned to the Executive Engineer, Gangapur Storage Division, Nasik and despatched by Goods/Passenger train at Nasik Road (G.I.P.) Railway Station, Freight to pay.

R.R. should be sent directly by the post.

6. Date of delivery at destination:- within twenty days from the receipt of this order.

Note:- In the event of your inability to supply the goods by the stipulated date, this o office must be informed and no supplyed will be normally accepted if delivered late unless prior sanction is obtained.

7. Bills:- Your bill in duplicate should be sent to this Office for payment, Payment will be made by cheque after the receipt of the materials in good condition.

8. Contd....

Contd. ....

8. Kindly confirm the above order immediately.

9. Please quote the above order No. on all the correspondence to this office.

10. The materials should be securely packed.

Yours faithfully,

Sd/-

EXECUTIVE ENGINEER,
Gangapur Storage Division.

List of Spare parts for Link Belt speeder LS-85
Serial Nos.- 7811179 and 7811180.

Sr. No. 1.	County. 2.	Part No. 3.	Description 4.	Rate 5.	Amount. 6.
1.	2.	AA 84	Bolt 1½" x12" Long W/tread Adjusting square Nut	19- 2	38- 4-0
2	2	AA 77	Bolt tread adjusting 1½"x12" W/AA 78 square Nut	59- 8	119- 0-0
3	102	XX840	Chain, Drive, per Link	18-11	1,906- 8-0
4	2	AC 76	Flexo-Tube 36"	10-10	21- 4-0
5	1	AA182	Flexo/Tube 50" long	12-12	12-12-0
6	1	PA5	Flexo-Tube 46" W/two AC 82 Street Ells	14-14	14-14-0
7	2	AA 83	Bushing, Bronze, 4x3½"x2½"	51- 0	102- 0
8	1	AA 81	Shaft, Tread Front Idler Roller 3½" x 15½"	178- 8	178- 8-0
9	2	AE104	Brushing, Bronze 4x3½"x6"	131-12-0	263- 8-0
10	1	AA 70	Shaft,ing, Rear sprocekt 3½" x 28½"	212- 8	212- 8-0
11	1	AS 244	Shoe 24" Tread, W/Cast. Pin and bolt	310- 4	310- 4-0
12	1	AA 171	Shoe 30" Tread, W/Cast	310- 4-	310- 4-0
13	1	AE56	Shaft Outer Tractor 3x22, -7/8"	216-12	216-12-0
14	1	AF 71	Spring Compression. 3,5/8" O.D. x 9" long	8- 8	8-8-(
15	1	AE 58	Clutch Traction slide	361- 4	361- 4-
16	2	Ae 76	Flexo-Tube 36"	10-10	21- 4-0
17	2	AC 60	Bushing, Collars Bronze-Shaft 3-3/4" [illegible]	85- 0	170- 0-0
18	1	AA 69	Clutch, Stationary Tractor W/AA61 Bronze Bushing.	442- 0-	442- 0-0
19	1	AA 63	Shaft Centre Traction 3 x 15-3/4"	161- 8	161- 8-0
20	1	AA 64	Clutch Traction Lock W/3o Bronze Bushing 3x2½"x3½"	1164- 8	1164- 8-0
21	1	AA 66	Gear Drive, 27-Tooth 3"Spline	1011- 8	1011- 8-0
22	1	AA 67	Washer Bronze 7x3x½"	74- 6	74- 6- 0
23	1	AA 62	Clutch, Traction W/So 58 Bronze Bushing3x2½"x3½"	688- 8-	688- 8-0
24	1	AA 61	Brushing,Bronze 5-3/4"x5x2½"	63-12	63-12-0
25	1	AC 58	Bushing,Bronze, 3x2½"x3½"	46-12	46-12-0

contd. on p. 3.....

1.	2.	3.	4.	5.	6.
26	2	BA50	Roller, Tourannatable, W/BA 51 Bushing 3½"x3x3½"	467 -8	935- 0-0
27	2	BA51	Bushing Gelbe 3½"x3x3½"	59- 8	119- 0-0
28	2	BA53	Shaft, Tourannatable Roller 3x9, 5/8"	136- 0	272- 0-0
29	4	BA60	Washer, Bronze, 5x3,5/16"	36- 2	114- 8-0
30	1	GA 28	Shaft, Vertiele Drive, 3½"x29, 3/8"	501- 8	501- 8-0
31	1	GA 32	Pinion, Bevel 12-Tooth	348- 8	348- 0-0
32	1	GA 33	Washer, Bronze 6x3½"x¼"	51- 0	51- 0-0
33	1	GA 13	" " 6x4x¼"	51- 0	51- 0-0
34	1	R FB 75	Bushing, " 4½"x4x5"	106- 4	106- 4-0
35	1	GA 27	" " 4x3½"x4"	80-12	80-12-0
36	2	FA93	Flexo½Tube 58E long W/FA 92 Street E/11	17- 0	34- 0-0
37	1	GA4	Bushing, Bronze 8-3/4"x8x4½"	229- 8	229- 8-0
38	1	Ga 31	Washer, " 3½"x3½"x¼"	44-10	44-10-0
39	3	BC 18	Collar " Shift, 4 bore	80-12	242- 4-0
40	1	FA49	Shaft, Swing 3-1"x27.1/8"	425- 0	425- 0-0
41	1	FA98	Penion, Swing 14-Tooth 3½" Spline	561- 0	561- 0-0
42	1	FA90	Bushing, Bronze 5x4½"x5½"	144- 8	144- 8-0
43	1	FA87	Washer, " 7x3½"x¼"	80-12	80-12-0
44R	1	FB18	Bushing, " 4x3½"x5"	76- 8	76- 8-0
45	1	FA468	Clutch assembly swing clutch And swing Dank.	1173- 0	1173- 0-0
46	1	FA 66	Lock swing7	331- 8	331- 8-0
47	1	FA 51	Bushing Bronze 5x4½"x4	89- 4	89- 4-0
48	1	GA30	Washer " 6x4½"x¼"	53- 2	53- 2-0
49	1	FA 1	Shaft Centre Drive 3x23-3/4"	204- 0	204- 0-0
50	1	FB 36	Waheer Bronze 3x1x¼"	29-12	29-12-0
51	1	GB 2	Bushing " 3½"x2½5"	89- 4	89- 4-0
52	1	FA 93	Flexo-Tube 58" long W/FA92 Street EE	17- 0	17- 0-0
53	1	Ae 74	Waheer Bronze 6x3x¼"	48-14-	48-14-0
54	1	FA25	Bushing "Flaged	425- 0	425- 0-0

contd. on p. 4....

1.	2.	3.	4.	5.	6.
55	1	FA 12	Clutch, High-low Shift	357- 0	357- 0-0
56	1	FA 7	Sleeve Separate Miter Adjusting	318-12	318-12-0
57	1	FA 10	Bearing Radical thrust	335-12	335-12-0
58	1	FA 11	Retainer Grease 5x3x¼"	38- 4	38- 4-0
59	1	FA 2	Miter Separate 18-Tooth 3" Spline	969- 0	969- 0-0
60	4	DA 468	Band Clutch W/DA 313 lining ¼x2x76"	233-12	935- 0-0
61	10	DA 313	Lining Clutch Band ¼x2x76" Molded 8 piece	38- 4	332- 8-0
62	4	BB 41	Bolt clutch Band Adj. 3-4"x4" W/ Lock nut	17- 0	67- 0-0
63	4	EA 4119	Band Clutch W/EA402 lining ¼"x2x52½"	157- 4	628- 0-0
64	8	EA 462	Lining Clutch Band ¼x2x52½" Moulded 3 piece	34- 0	272- 0-0
65	1	DA 4115	Band Brake, W/DA 314 lining ¼x4x61"	289- 0	289- 0-0
66	2	DA 314	Lining Brake Band ¼x5½61" Moulded 6 piece	80-12	161- 8-0
67	3	Je 379	Spring Compression 2½" long	1- 4	3-12-0
68	3	EB 104	Sheek Fiber Friction 3/4x1½"	8- 8	25- 8-0
69	2	BB 13	Bushing Bronze 3½x3x4½"	76- 8	153- 0-0
70	3	BB 11	Washer " 5x3x½	31-14	95-10-0
71	1	DA 318	Band Hoist Brake W/DA 315 lining ¼"x4x61"	216-12	216-12-0
72	2	DA 315	Lining Brake Band ¼x4x61" Molded 6 piece	97-12	195- 8-0
73	1	EA 4406	Band Brake W/DA 313 lining ¼x2x57"	212- 8	212- 8-0
74	4	DC 41	Link Clutch Arm 3"	12-12	51- 0-0
75	1	CA 209	Shaft Reverse 3x52-3/4"	467- 8	467- 8-0
76	1	CA 7	Bushong Bronze 5x4½x3	61-10	61-10-0
77	1	CA 33	Gear Reverse, clutch 23" 69 tooth	2363- 0	2363- 0-0
78	4	CC 45	Link 2½" arm	10-10	42- 8-0
79	4	CB 432	Collar Bronze shift, 5½" bore	89- 4	357- 0-0
80	1	CB 38	Collar Clutch Throught 4½" bore	119- 0	119-0-0
81	2	FC 3	Bearing Ball Thrust, 3" bore	97-12	195- 8-0
82	2	CA 24	Meter, clutch Drum, 18 tooth W/CA 25 Bronze Bushing 3½"x3x6½"	1547- 0	3094- 0-0

contd. on p. 5.....

1.	2.	3.	4.	5.	6.
83.	1	CA 2	Bearing Self-Aligining Pillow Block	518 -8	518- 8-0
84	46	A P8-3	Chain, Drive Per link	13-10	626-12-0
85	4	CA 472	Band Clutch complete W/CA 76 lining 1"x2½"x61½"	174- 4	697- 0-0
86	16	CA 198	Lining Clubch Band 1"x2½"x51, 5/8" Molded 3 piece	57- 6	918- 0-0
87	1	CA 202	Sprocket silent chain drive 102 tooth 1530- 0		1530- 0-0
88	1	MA 1023	Piston, Motor Drive, 15 tooth	191- 4	191- 4-0
	63	-	Chain link belt silent driver per link	6- 6	401-10-0
90	1	TB 50	Yoke, clutch shift	59- 8	59- 8-0
91	1	JA 56	Yoke shift	85- 0	85- 0-0
92	1	JA 586	Shift Yoke	74- 6	74- 6-0
93	1	AA 133	Yoke Clitch Shift	59- 8	59 -8-0
94	1	AA 137	Rod Steering clutch,3/4"x13" W/ Jam Nuts	8- 8	8- 8-0
95	2	AC 193	Elevation Control Rod 3/4"	5-15	11-14-0
96	2	AC 187	Connection Control Rod 3/4" Hole 2½" Stote	7-10	15- 4-0
	2	SS 40	Chain, Hyper Driver per link	22- 2	1593- 0-0
98	2	SE 84	Washer, Bronse., 6½"x3½"x⅛"	70- 2	140- 4-0
99	2	SA 85	Pinion, 17 tooth Bank 3½" spline	408- 0	816- 0-0
100	2	A B 92	Bushing Bronse 3½"x3x3"	74- 4	149- 8-0
101	1	AC 70	3x2½"x3	33- 4	33- 4-0
102	8	SA 156	Tooth point shovel bucket W/SA 160 Wedge pin	136- 0	1088- 0-0
103	2	SA 161A	Wedge Latch plate	29- 5	58-10-0
104	4	SC 396	Tooth point 12" reversible W/Bolt	136- 0-	544- 0-0
105	1	MB 91	Sheave 19" cable W/Se 58 Bronse Bushing 3x2½x3½"	501- 8	501- 8-0
106	1	TA 13	Horizontal Roller W/AC 128	135-12	135-12-0
10 7	2	TA 16	Bronse Washer 3½"x2x¼"	25- 8	51- 0-0
108	1	TA 17	Pin, Horizontal Roller 2x5-3/4"	21- 4	21- 4-0
109	1	TA 22	Bushing Bronse 2½"x2x2,3/8"	25- 8	25- 8-0
110	1	TA 24	Pin, Swivel case 2x5"	36- 2	36- 2-0

1.	2.	3.	4.	5.	6.
111	1	YA 131	13½" Cable sheave W/AC 70 Bronze Bushing 3x2½"x3"	365- 8	365- 8-0
112	2	BC 57	Washer Bronze 4x2½"x¼"	19- 2	38- 4-0
113	1	YA 37	Fair lead sheave Pin 2½"x5½"	29-12	29-12-0
114	4	MA 211	Tooth Base, Drag Bucket	144- 8	578- 0-0
115	8	YC 107	Tooth Point Reversible	70- 2	561- 0-0
116	2	MA 2142	" Base drag Bucket	144- 8	978- 0-0
117	2	MA 216	Hitch inhaul chain adjustable	51- 0-	102- 0-0
118	2	MA 217	Pin drag Bucket coppang 1,1/8"x 9" W/Cotter Washer	12-12	25- 8-0
119	2	MA 221	Clevis , Inhaul chain Adjustable	42- 8	88- 8-0
120	2	MA 225	Chain, Inhaul 37 link s 3/4" chain	127- 9	255- 0-0
121	1	MA 228	Clevis Inhaul Front hitch	59- 8	59- 8-0
122	1	MA 227	Hitch inhaul chain front	23- 6	23- 6-0
123	1	YC 40	Socket 5/8" cable	72- 4	72- 4-0
124	1	YC 26	Wedge 5/8" cable socket	10-10	10-10-0
125	1	YA 86	Socket Cable	55- 4	55- 4-0
126	2	MK 194	Chain Lower hoist 5/8" 13 links	14-14	29-12-0
127	2	MK 201	" Upper " 5/8" 17 "	17- 0	34- 0-0
128	1	MA 258	Sheave 10" cable W/pin	238- 0	238- 0-0
129	1	HK 17	Lining clutch take up disc.	14-14	14-14-0
130	25	HK 6	Rivert	0- 1	1- 9-0
131-	1	HK 19	Lining main friction Disc.	21- 4	21- 4-0-
232x	2				

contd. on page 7. .....

1.	2.	3.	4.	5.	6.
128		Spare parts for 'Cater Pillar' Model D 318 Engine- -Serial No. 5 V 5001 and up			
132	1	7B 2774	Belt	53- 7	53- 7-0
133	2	3B 8485	Fitting	0-11	1- 6- 0
134	1	4F 381	Gasket	3- 2	3- 2-0
135	1	4F 378	"	2-10	2-10-0
136	3	4F 356	"	-12-	2- 4-0
137	1	5B 2746	Jar	1- 7	1- 7-0
138	1	5B 3323	Ring	1- 7	1- 7-0
	1	2F 2316	Element	19- 6	19- 6-0
---	3	4F 6486	Liner	125-10	376-14-0
141	3	4F 7206	Gasket	2-12	8- 4-0
142	9	8B 2124	Seal	2- 5	20-13-0
143	3	4F 5697	Piston Assembly	174- 3	522- 9-0
144	2	5F 232 Ring-Gas	Ring Group	79- 9	159 -2-0
145	3	4F 2883	Bearing	48- 0	144- 0-0
146	1	4F 6174	Gasket	4- 7	4- 7-0
147	1	4F 961	Gasket	4- 7	4- 7-0
148	2	7B 2419	Seal	0-15	1-14-0
	6	6B 6225	Seal	0-15	5-10-0
150	3	5B 3718	Seal	0-10	1-14-0
151	3	4F 6921	Pump Assembly	171- 2	513- 6-0
152	6	4F 4236	Manale "	51-12	310- 8-0
153	12	7B 8264	Element	24- 8	294- 0-0
154	12	8B 5755	" (4A 332)	7-15	95- 4-0
155	1	5F 4723	Gasket. (6F 2080)	7- 2	7- 2-0
156	1	4B 2663	"	6- 9	6- 9-0
157	2	6B 2298	Bearing 0 20 u.s	5-11	11- 6-0
158	1	2F 3669	Piston	41-10	41-10-0
159	1	4F 9874 Rk	Ring	38- 1	38- 1-0
160	1	4F 2295	Condensply	9- 6	9- 6-0
161	1	2F 3643	Spark plug	6- 6	6- 6-0

P.T.O.

TOTAL AMOUNT 43085/-/-

Id/-

EXECUTIVE ENGINEER,
Gangapur Storage Division,
NASIK.

Id/-
20/4

p/21/5

No.E.M.4-D-7-D-8(435)/4262

Gangapur Storage Division,
Nasik, 21 April 1950

To

Messrs Larsen & Toubro Ltd.,
Post Box No. 278,
Lloyd Building, Dougall Road,
Ballard Estate, Bombay-1.

Sub:- ORDER FOR SPARE PARTS FOR LINK BELT
SKEDDER L. S. 65

Dear Sirs,

I herewith send a firm order for Spare parts for early compliance.

Yours faithfully,

Id/-

EXECUTIVE ENGINEER,
Gangapur Storage Division.

contd.....

Contd. .....

THROUGH the Superintending Engineer, Deccan Irrigatio Circle, Poona- 1, with compliments.

2/- A firm order in duplicate is sent herewith for transmission to the Firm concerned. This has reference to your letter No. 30/3113 of 29-4-50 to the Secretary to the Government of Bombay, Bombay and a copy endorsed to this office. Please retain one copy of the order for your record.

Copy with a copy of the Firm order F.w.o.s to the Deputy Secy. to the Government of Bombay, P.W.D., Bombay w.r. to his endor sement No. 6572/36(2)-XX-Gen dated 9-1-50 for information.

Copy with a copy of the Firm Order f.w.os. to the Director of Industries and Stores Purchasing Officer, Bombay for information.

Copy with a copy of the Firm Order f.w.os. to :-

The Plant Engineer, G.S.D.

The S.D.O., 'M'

The S.D.O., 'S' & 'T'

The Accounts Branch &

The Store Keeper for information.

LETTER

6572/36(2)
32349

No. 6572/36(2)-XX-Com. Public Works Department
B. C., (Bombay No.1),
1st June 1950.

To

The S.E., D.I.C.,

Subt- Purchase of spare parts
for Link-Belt Speeder L.S.-85.

Ref"; Your letter No. 30/3116, dated the 10th April 1950.

2. Govt. is please to approve your proposal to order increased number of spare parts for Link Belt Speeder L S 85 at a cost of Rs. 43,085 for each of the two Dns., viz. Gangapur Storage Division and Kahi Construction Division, instead of Rs. 36,288 sanctioned for each division in C.L. No. 6572/36(2)-XX-Com, dated the 9-1-50.

D.A:- Nil.

By order etc.

By. Secretary to the Govt. of Bombay,
Public Works Department.

Copy forwarded to:

The S.E., G.I.C.) with ref. to the S.E.,D.I.Cs.endt.
The Ex. Engr., G.S.Dn.) No. 30/3116, dt. the 10-4-50.

The F.D.)
The A.G., Bombay (thorugh the F.D.)) in the refe. to G.S.No. 6572/36(2)-XX-Com, dt. 9-1-50.
The Director of Ind.,&S.P'Officer,)
The Ex.Engr., Kahi Const. Dn.)

for information.

Id/-
31-5-50

Id/-
31-5-50

LETTER

No. 5065 of 1950. Deccan Irrigation Circle.
Poona, 7 June 1950.

To

The Secretary to the Govt. of Bombay,
Public Works Department, Bombay 1

Subj:- Purchase of spare parts for link-belt speeder L.B.85.

Ref:- This office No. 30/3118 dated the 10th April 1950.

I have forwarded the firm order, for the spare parts for link-belt speeder L.B. 85, received from the Executive Engineer, Gangapur Storage Division, Nasik, amounting to Rs. 43,085/- to Messrs. Larsen & Toubro Ltd., Bombay Ballard Estate, Bombay-1, in anticipation of Government sanction.

The action taken by me may please kindly be approved.

D.A: Nil.

Sd/-

Superintending Engineer, D.I.C.

Copy to the Executive Engineer, Gangapur Storag Division, Nasik, with reference to his No. E.M.A-B-7 D-8(435) 4262, dated the 21-4-50 for information.

p/21/5

LETTER

No. 6572/36(2)-XX-Con.

Public Works Department,
Bombay Castle (Bombay-1)
9th January 1950.

To

The Executive Engineer, Gangapur Storage Divisio
The Executive Engineer, Mahi Construction Divisi

Sub:- Purchase of spare parts for
Link-Belt Speeder LS-85

Reference: Correspondence ending with Government Endorsement No. 6572/36(2)-Con. dated the 24th Sept. '49.

2. Copies of letter Nos. SPH 2001/16050, dated the 22nd November 1949, and SPH 2001/16234, dated the 25th November 1949, together with their accompaniments are forwarded herewith and you are informed that you may place orders for spare parts directly on Messrs. Larsen & Toubro under intimation to Government and the Director of Industries and Stores Purchasing Officer at a total cost not exceeding Rs. 36,288 for each Division.

3. In case the Executive Engineer, Mahi Construction Division has already place orders to the extent of Rs. 14,669 as directed by the Superintending Engineer, Gujarat Irrigation Circle, in his letter No.1868 dated the 30th November 1949, he should order futher set spare parts costing Rs. 21,619 only.

4. The charges should be debited to the provisions made for the projects under the head "68-Irrigation- Post War Reconstruction and Development Programmed".

By order of the Governor of Bom

Sd/-

for Deputy Secretary to the Government of Bombay, Public Works Department.

D.A: Copies of letters
& Accompts.

Copy, with copies of Director of Industries and Stores Purchasing Officer's referred and their accompaniments...

accompaniments, forwarded to-

the Superintending Engineer, Deccan Irrigation Circle,

the Superintending Engineer, Gujarat Irrigation Circle

for information with reference to Government Endorsement No. 6572/36(2)-Con, dated the 24th September 1949.

Copy forwarded to -

the Finance Department,

the Accountant General, Bombay,

the Director of Industries and Stores Purchasing Officer.

for information with reference to Government Letter No. 6572/36 (2)-Con, dated the 24th September 1949.

Id/-
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